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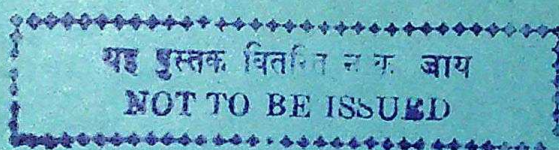
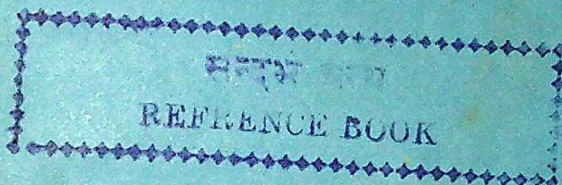
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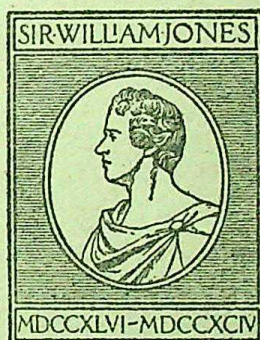
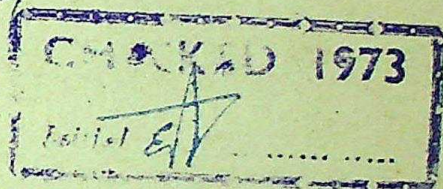
YEAR-BOOK
OF
THE ASIATIC SOCIETY
FOR 1961

[Vol. iv 1962]



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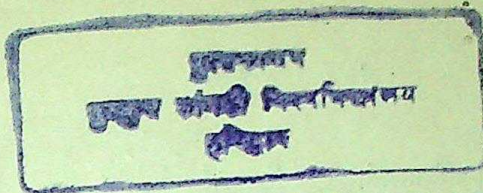
THE ASIATIC SOCIETY
1, PARK STREET, CALCUTTA-16

Issued July, 1968

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PROCEEDINGS OF THE ANNUAL GENERAL MEETING, 1962

The Annual General Meeting of the Asiatic Society was held
on Monday, the 5th February, 1962 at 4 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.N.I., F.A.S.
President (in the Chair)

Members :

Bagchi, K. N.,
Bhaduri, J. L.,
Bhattacharyya, S. C.,
Banerjee, J. N.,
Banerjee, A. C.,
Banerjee, Biswanath,
Banerjee, Satya Ranjan,
Banerji, S. M.,
Banerji-Sastri, A. P.,
Basu, U. P.,
Bhose, Sudhir Kumar,
Bose, D. M.,
Bose, Nirmal Kumar,
Bose, Nimai Sadhan,
Biswas, K.
Chakravarti, C.,
Chakravarti, P.,
Chakravarti, S. C.,
Chakravarty D.,
Chakravarty, R.,
Chakravarty, Ranes,
Chatterjee, B. K.,
Chatterjee, P. C.,

Chatterjee, S. K.,
Chatterji, Suniti Kumar,
De, Banu,
Dutt, N.,
Dutt, S. B.,
Dutt, S. N.,
Ganguly, J.,
Ghose, R. C.,
Ghose, S. C.,
Ghose, Sushil Ch.,
Ghosh, D. P.,
Ghoshal, U. N.,
Gupta, P. C.,
Halder, Gopal,
Kar, R. C.,
Khaitan, K. P.,
Khan, C. S.,
Khan, M. S.,
Krishnan, K. V.,
Majumder, P. C.,
Mitra, D.,
Mookerjee, Ranu,
Mukherjee, Abani,

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Mukherji, S. C.,	Sen, Dipak,
Mukerji, Bimala Prosad,	Sen, J. N.,
Mukerji, J. C.,	Sen, Pulin Behari,
Nag, Kalidas,	Sen, S. N.,
Pal, Pratapaditya,	Sen Gupta, B. K.,
Pal, R. K.,	Sen Gupta, J. C.,
Ray, A. N.,	Sen Gupta, Kali Kinkar,
Ray, Niharranjan,	Sen Gupta, K. P.,
Ray, Sukumar,	Shastri, J.,
Saha, M. P.,	Shome, M. L.,
Samanta, S. N.,	Sinha, Brinadaban Chandra,
Saraf, C. M.,	Sircar, D. C.,
Saraswati, S. K.,	Vedantatirtha, N.,
Sen, Chitrabhanu,	Yusuf, K. M.,
Zamner, E.	

And many others who did not sign the register.

Visitors :

Auboyer, Jean (Paris);	Bhattacharya, Bhabatosh,
Bhattacharyya, Asoke Nath,	Ghosh, S. C.,
Guha, A. K.,	

And many others who did not sign the register.

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4 P.M. to 5 P.M.

1. The President declared the Annual Meeting open and said:

LADIES AND GENTLEMEN:

Voting for the election of the new Council for 1962-63 will begin at 4 p.m. Voting papers in this connection will be handed over to the members. Voting will close at 5 p.m.

I now request the Ordinary Members to record their votes by filling up the voting papers. They are to deposit the same in the sealed boxes kept for the purpose as per directions noted on the voting papers. Votes will be scrutinised later in accordance with the procedure laid down in Rule 44(b). Dr. J. L. Bhaduri and Dr. M. Saber Khan will take charge of all arrangements concerning the election.

5-05 P.M.

2. At 5-05 the President, in accordance with Rule 37(a), appointed scrutineers for examining the votes recorded.

5-10 P.M.

3. At 5-10 p.m. copies of the Annual Report for 1961 were distributed and the General Secretary read relevant extracts from the same.

5-30 P.M.

4. The President then delivered his Presidential Address.

"FELLOW MEMBERS, LADIES AND GENTLEMEN :

On behalf of our Patron, Srimati Padmaja Naidu, I should like to inform you that her absence to-day was due to extreme exigencies of work, as she has to be present at the Organisation for the League of Refugees of West Bengal. We regret her absence to-day but we hope she shall continue to take an interest in the work of the Society.

It is my pleasant duty now to address you on the 170th meeting of the Asiatic Society and to acquaint you with its work. Last year Dr. B. C. Roy was present as the seniormost Member of the Asiatic Society, to inaugurate the Foundation-Day. This year we are happy to have with us Shri Humayun Kabir, Minister of Scientific Research and Cultural Affairs, Government of India, to encourage and inspire the progress of this Institution and I am happy to report that the Society had tried to fulfil the expectations of its Founder."

5. After he had finished his speech the President made the following announcements.

"LADIES AND GENTLEMEN :

I have the pleasure to announce the award of Honorary Fellow of the Society to our eminent philologist and linguist Dr. S. K. Chatterji, and wish him long life and good health."

Dr. S. K. Chatterji stood up in his seat and acknowledged, amidst cheers, the good wishes of the President.

6. After this award the President continued:—

"Every year the Council of the Society, on the recommendation of duly constituted Advisory Boards, makes annual awards of medals. This year the following awards have been made:

(1) Barclay Memorial Medal

"My first announcement is regarding the award of the Barclay Memorial Medal. This has been awarded jointly to Professor J. L. Bhaduri and Dr. Kalipada Biswas for their contributions to Biological Sciences."

The President handed over the medals to Professor J. L. Bhaduri and Dr. Kalipada Biswas with his and the Society's hearty congratulations.

(2) Sir Jadunath Sarkar Gold Medal

"My next announcement is regarding the award of Sir Jadunath Sarkar Gold Medal to none other than one of the great

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5.

historians of India, Dr. Surendra Nath Sen, for his conspicuously important contributions to the history of India from the 13th century to A.D. 1803."

As Dr. Sen sat in his invalid chair, the President went over and personally handed the gold medal to him, with his own and the Society's hearty congratulations. (Applause).

(3) Dr. Bimala Charan Law Gold Medal

"My next announcement is regarding the award of the Dr. Bimala Charan Law Gold Medal to Dr. Jitendra Nath Banerjea for his conspicuously important contributions to the study of Indian history, religion, etc. from the earliest times to A.D. 1206."

Dr. Banerjea personally received the medal from the President amidst hearty congratulations from the President and the members present.

(4) Sarat Chandra Roy Memorial Medal

"My last announcement is regarding the award of the Sarat Chandra Roy Memorial Medal to Dr. F. G. Bailey for his outstanding contributions to the Cultural anthropology of India."

As Dr. Bailey, who is now resident in the U. K., was absent, the President handed the medal to Sri Nirmal K. Sen (proxy for Dr. Bailey), and requested him to convey to Dr. Bailey the Society's heartiest congratulations.

After the awards of the medals the President for 1961 said:—

"On behalf of the Society I congratulate the distinguished recipients of the medals awarded this evening. Their names will be included in the honoured company of Scientists and Industrialists who in past years have been the recipients of similar distinctions. May they long continue their activities in the respective field to which they have already made such notable contributions."

7. The President for 1961 then made the final announcement as follows:—

“LADIES AND GENTLEMEN :

Having received the report of the scrutineers, I now announce the result of the Council election. All the Council Members proposed by the outgoing Council, have been duly elected. Under the rules, therefore, I have pleasure to declare the following names of the gentlemen as set forth in the ballot-paper, duly elected as Members of the Council for 1962-63:—

President :

Dr. U. N. Ghoshal, M.A., PH.D., F.A.S.

Vice-Presidents :

Dr. A. C. Ukil, M.B., M.S.P.E., F.N.I., F.A.S.

Dr. N. Dutt, M.A., B.L., PH.D., D.Lit. (London), F.A.S.

Dr. K. N. Bagchi, B.Sc., M.B., D.T.M., F.N.I., F.R.I.C.

Sri K. P. Khaitan, Barrister-at-Law.

Secretaries & Treasurer :

General Secretary : Sri S. K. Saraswati, M.A., F.A.S.

Hony. Treasurer : Justice Sri A. N. Ray, M.A. (Cal.), B.A. (Oxon),
Barrister-at-Law.

Philological Secretary : Professor Chintaharan Chakravarti, M.A.,
Kavyatirtha.

Jt. Philological Secretary : Dr. M. Saber Khan, M.A., A.M. (Michigan),
D. PHIL. (Oxon).

Natural History Secretaries : (Physical Sciences): Dr. U. P. Basu,
D.SC., F.N.I.

(Biological Sciences): Dr. J. L. Bhaduri,
D.SC., F.N.I., F.A.S., F.Z.S.I.

Anthropological Secretary : Dr. Bajra Kumar Chatterjee, M.A., D.Sc.
(Paris).

Historical and Archaeological Secretary : Dr. J. N. Banerjea, M.A.,
PH.D., F.A.S.

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Medical Secretary: Dr. Ranes Chakravarty, M.B.B.S.*Library Secretary:* Dr. Sukumar Roy, M.A., D. PHIL.*Publication Secretary:* Dr. Anil Chandra Banerjee, M.A., PH.D.**Members of the Council:**

Sri H. Banerjee, I.C.S.

Dr. A. P. Banerji-Sastri, M.A., LL.B., PH.D. (Oxon.)

Dr. P. C. Gupta, M.A., PH.D., F.A.S.

Sri Samar Sen, M.sc.

Nominees of the Government of India:—Shri A. K. Ghosh, and Shri R. P. Padhi, Jt. Secretary and Financial Adviser, respectively, of the Ministry of Scientific Research & Cultural Affairs.

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The President said:—

“I thank the scrutineers for the quick and excellent work that they had done in scrutinising the votes cast. The votes were decisive and all the candidates mentioned in the ballot paper have been elected unanimously as Office-bearers and Members of the Council for 1962-63.”

8. The President for 1961 then said:

“May I now request Dr. U. N. Ghoshal, unanimously elected President for 1962-63, to occupy the Chair and relieve me of the burden attaching to this high office. I am very happy to instal you as the new President and I am sure you will keep up the traditions of this great Society whose objectives have been consistently maintained during the last 178 years.”

With these words Dr. Ghoshal occupied the Chair and briefly addressed the large audience present:

FRIENDS, MEMBERS OF THE SOCIETY, LADIES AND GENTLEMEN:

“I am deeply grateful to the Members and friends for the honour they have done by electing me to the office of President

of this august and noble Institution, an office which had long been occupied by distinguished and eminent men in the past; men who had held the highest offices of State, men who had preserved its valuable treasures, men who had given their services for promotion of the sciences and the humanities. I can only hope that I shall be found worthy of this great trust. Personally speaking, I might say that I accept with gratitude your choice, not so much as a token of your faith in my capacity, as for the call to duty to serve the interests and aspirations of the oldest Society of its kind in this part of the world. I shall try to serve its objectives to the best of my ability. I assure you that I will do all I can, and I count mostly on the co-operation and assistance from the Council and General Members of the Society.

“Of all those activities which the General Secretary read to you, the first and most important task is the completion of the first phase of construction of the Society’s New Building. The second task is the compilation of the source materials for the preparation of the *History of Sciences of India*. You have heard from Dr. Ukil, our retiring President, how this work is being done by suitable scholars under the guidance of competent Supervisors and a Sub-Committee to help the progress of the work. It would be a great thing if the task is fulfilled in the least possible time. The last but not least task, which shall occupy my attention, will be to carry on the progress of publications in the *Bibliotheca Indica Series*, the *Journal & Year-Book* and the other publications undertaken by the Society.”

After making brief references to other important schemes of the Society, like the South-East and Central Asian Studies, the Society’s invaluable manuscripts, the archaeological treasures in the Indian Museum, and the great national work being carried on in the Sanskrit College, Dr. Ghoshal concluded by saying:

“On my own, and on behalf of the members present, I wish to convey heartiest thanks to the out-going President, Dr. A. C. Ukil, for the zeal and devotion with which he carried on the difficult tasks undertaken by him during the two memorable years of his term in the Society. I thank you again very much for your patient hearing and good wishes.”

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9. The President for 1962-63 then declared the meeting closed, and the General Secretary requested the audience to remain seated for the Ordinary Monthly General Meeting immediately following, and for the illustrated lecture by Mademoiselle Jean Auboyer on "Recent Archaeological and Conservation works in Cambodia".

ANNUAL ADDRESS

FELLOWS AND MEMBERS, LADIES AND GENTLEMEN,

It is my pleasant duty to address you at the 178th Annual meeting of the Society and while doing so, to acquaint you with the work of the Society during 1961.

Last year Dr. B. C. Roy, the present senior-most member of the Society inaugurated the Foundation Day. This year we are happy to have our eminent and popular Minister for Scientific Research and Cultural Affairs, Government of India, Professor Humayun Kabir, to encourage and inspire us on this day by taking note of not only the progress of the institution but to assess our requirements. I am happy to report that the Society has honestly tried to fulfil the expectations of its founder.

OBITUARY

During the year under review (1961), we lost by death the following members who were closely associated with its activities: (1) Sri Bimal Chandra Sinha, Minister for Land and Land Revenue, Government of West Bengal; (2) Sri Rathindra Nath Tagore, Life-Member; (3) Major S. C. Dutta, a noted Surgeon; (4) Sri Anandi Lall Poddar, a noted Businessman; (5) Dr. B. S. Guha, anthropologist and a former General Secretary of the Society; and (6) Mr. M. H. Slocum, a noted irrigation and dam engineer, who had worked at Bhakra Nangal with inspiring efficiency. The greatest loss sustained by the Society was in the death of its President-nominee, Sri S. Banerjee, M.A. (Cantab.), C.I.E., I.C.S., (retd.) on the 24th December, 1961.

ACTIVITIES OF THE SOCIETY

A brief summary of the important activities of the Society is given in the Annual Report for 1961 circulated to the members. Apart from lectures and communications, in the art of Rabindranath, a discussion on the IIIrd 5-year Plan was also arranged for. The question of language for general and technical education is being carefully considered by a Sub-Committee. A not-

able step was the acceptance of an offer from the University of Tokyo to exchange the publications of the Society with a complete set of Tibetan Tripitaka in 151 volumes. In order to facilitate the diffusion of knowledge of the Society's activities to members of Parliament, the Society has accepted the membership of the Indian Parliamentary and Scientific Committee.

AWARDS

In order to encourage studies in science and letters by awarding prizes and medals for outstanding work in the respective spheres, the following medals were awarded during the year, and I congratulate the recipients for the honour bestowed on them.

1. **Sir Jadunath Sarkar Gold Medal** for conspicuously important contributions to the history of India from the 13th century to A.D. 1803—Dr. Surendranath Sen,

2. **Dr. Bimala Churn Law Gold Medal** for conspicuously important contributions to the study of Indian history, religion, etc. from the earliest times to A.D. 1206—Dr. Jitendranath Banerjea,

3. **Sarat Chandra Roy Memorial Medal** for outstanding contributions to cultural anthropology.—Dr. F. G. Bailey.

4. **Barclay Memorial Medal** for conspicuously important contributions to Biological Science—Dr. J. L. Bhaduri and Dr. K. Biswas jointly.

RABINDRANATH TAGORE BIRTH CENTENARY PLAQUE

As a part of the Society's programme of the celebration of the Centenary of the birth of the great poet the Society instituted during the year the award of a bronze plaque, "annually to the author of an outstanding work constituting a creative contribution to any aspect of human culture published in course of the ten years preceding the year in which the award is to be made." For the Centenary year the Society decided to award five such

plaques respectively to Earl Bertrand Russel (U. K.), Dr. Arnold J. Toynbee (U. K.), Professor Niels Henrik David Bohr (Denmark), Dr. Dašietsu Suzuki (Japan), and Dr. Taha Hussain (United Arab Republic). The design of the plaque, which is to have the portrait of the poet on one side and painting by the poet, done in relief, on the other, is complete, and arrangements are being made with the Mint for the preparation of the die and the casting of the plaques for award by May, 1962.

HONORARY FELLOWS AND FELLOWS

Dr. Suniti Kumar Chatterji, M.A., D.Litt., was elected an Honorary Fellow in 1961. Mr. S. K. De, Dr. K. D. Bagchi and Dr. B. C. Guha were elected Fellows.

SCHEME FOR THE COMPILATION OF A HISTORY OF SCIENCES IN INDIA

Last year we referred to the genesis of the scheme and how the Asiatic Society began to collaborate in the same, sponsored and operated by the National Institute of Sciences of India, for compilation of History of Sciences in India. The Units, each consisting of a compliment of one distinguished scientist as supervisor and several research scholars of Indology and Natural Sciences, came into full functioning. Of these two Units, one is being supervised by Professor Priyadarajan Ray, F.N.I. and the other by Sri S. N. Sen, M.Sc. The progress of the collection and abstracting of source materials is periodically discussed jointly with the assistance of a Sub-Committee appointed by the Asiatic Society, consisting of Dr. A. C. Ukil (Convener of the N. I. S. I. Board on the History of Sciences in India), Dr. D. M. Bose, Dr. R. K. Pal, Dr. J. N. Banerjea, Professor Chintaharan Chakravarti, Sri S. N. Sen, Sri S. K. Saraswati and Professor P. R. Ray (Convener). In view of the large number of subjects to be covered, two Units were required for the Ancient Period.

In August, 1961, the National Institute of Sciences of India organised a *Symposium* on the History of Sciences in India, at which 35 papers were read, covering various subjects such as (1) Social and international relations in the development of sciences, teaching, methodology, etc. in the history of sciences;

(2) Agriculture and Chemistry: (3) Biology, Health and Medicine: and (4) Astronomy, Mathematics and Earth Sciences. Eight papers based on matters connected with the Ancient Period were read by scholars of the two Units working at the Asiatic Society. The papers approved by the Steering Committee are now being printed in the Proceedings. I take this opportunity to thank the workers and members of the Asiatic Society's Special Committee on the compilation of the History of Sciences in India for their help. I am happy that the magnificent resources of source materials referring to the Ancient and Mediaeval Periods available at the Asiatic Society are now being utilised for a great purpose. The Asiatic Society may, in course of time, be expected to serve as a centre for the training and recruiting of future teachers of the History of Science in India.

HISTORY OF SCIENCE AS AN ACADEMIC SUBJECT

Long ago Francis Bacon and Voltaire appealed to historians to include the history of science and technology in the general study of history. The 18th and 19th centuries produced some remarkable specialised scholarship and analysis in both history and philosophy of science. During the last 100 years both have acquired their own learned organisations and journals. The Xth International Congress of Science, which will be held at Ithaca Cornell University in August-September, 1962 has a section for discussion on the history of sciences and its technique. It may interest you to learn that the Asiatic Society has recommended the names of two of its Council members to present papers at this International Congress. I hope the Government of India will make it possible for them to participate in the Congress. The importance of the subject has been recognised by the fact that chairs in the history and philosophy of science have been established in most of the leading universities in Europe, Australia and U. S. A. There has been a similar increase in academic posts in the history of Medicine. It is significant that the Chairman of the University Grants Commission, while addressing the 24th Session of the Indian History Congress, exhorted the universities in India to initiate studies and to introduce academic courses in the History of Science.

KEMP'S CATALOGUE

Early in 1957 the Council of the Asiatic Society undertook a scheme for preparing a revised edition of the *Catalogue of Scientific Serial Publications*, compiled by Mr. Stanley Kemp, with the financial assistance from the National Institute of Sciences of India, the work was carried on and a cyclostyled edition (limited to 100 copies) of the revised Catalogue, covering the holdings of the principal Calcutta Libraries, has been issued during 1961 with a view to stimulate further active collaboration and financial aid, indispensable for bringing the scheme to a successful completion.

RESEARCH FELLOWSHIPS

I have already referred to the work of the compilation of History of Sciences in India and the scholars working under that Scheme. In the Humanities also the Society maintains four Research Fellowships out of a grant by the Government of West Bengal. These Fellowships have been instituted with a view to a proper utilisation of the valuable materials contained in our Library of Manuscripts. Investigations are being carried on by young scholars on *Origin and development of Sanskrit Prosody*, *Bengal Coins*, on *Karandavyuha* an important Mahayana Buddhist text, and on *Diwan-i-Sharif* a collection of Persian poems. The variety of subjects covered under this scheme is noteworthy. I regret, however, that on account of the meagreness of the value of the stipend attached to each Fellowship, it is found difficult to attract suitable scholars for sustained work for utilisation of the varied and valuable resources and we appeal to the Government of West Bengal to increase the grant to enable us to enhance the value of each Fellowship. A Special Research Fellow is also working in the Society on the *Botanical terms in the Puranas* and the work is nearing completion.

PUBLICATIONS

Among the important publications during the year may be mentioned *Journal*, Vol. 1, Nos. 1-4, and the *Natyasastra*, English translation by Dr. M. Ghosh, Vol. II. With this Second Volume the Society has at last completed the scheme, undertaken long

ago, of placing an authentic translation of this standard ancient text on dramaturgy. During the year, the Society also undertook a scheme of reprinting a few of the authoritative texts in the Bibliotheca Indica, besides permitting other publishers to reprint others with due acknowledgement of Society's courtesy in this respect.

NEW BUILDINGS

The foundation work of the new building, delayed by certain unavoidable circumstances, has been completed during the year and the preliminaries for steel work have been started. It is now expected that further work will proceed smoothly according to schedule. We are sincerely grateful to the Government of India for the payment of Rs. 9 lakhs, the full amount of the grant sanctioned for the first phase (four storeys) of the building programme. The Government of West Bengal has also sanctioned for this phase a grant of Rs. 3,47,700/- which is expected to be received by the end of the present financial year.

I have to report, however, that the cost of the four storeyed building, originally estimated at Rs. 12,47,700/-, now stands Rs. 16,82,000/-, i.e. according to the revised estimate, the Society is short by nearly Rs. 4,35,000/- for the first phase of the building programme and if the remaining five storeys have to be completed immediately thereafter, which is desirable it will require a further amount of Rs. 16,35,000/-. For this deficiency and for the remaining five storeys we appeal to the Government and generous public to enable us to complete our programme.

FINANCE

Fellow Members, you have an idea of the finances of the Society from the Annual Report and the Appendices to the same. The Society is carrying on valuable work with sustained zeal and recently our activities have been extended, though not proportionate to our requirements I am sorry to say. Last year I had referred to some of the causes leading to the dwindling of our income. I need not repeat them this evening. In the last four years our deficit has accumulated to Rs. 1,61,902.88 ~~Rs.~~ and we are thankful to the Union and State Governments for *ad hoc*

grants to the extent of Rs. 40,000/- for wiping out a part of this huge deficit. On account of this we have been obliged to curtail our activities and looking forward to the completion of the building programme when we hope to balance our budget and expand our activities. Still, some means have to be found in order to enable us to continue till that time and I appeal to all members to extend their active sympathy to our needs.

Friends, I have been occupying the office of the President for two terms and before I lay down my office it is my pleasant duty to convey my grateful thanks to you all for your help and co-operation in carrying on my duties. To the Council I am under a special obligation because of the helpful guidance and collaboration during all this period. The Society's Staff, both in the office and in the Library, have all worked loyally and have spared no pains to render my task during this critical period easier and lighter. I thank them all and assure them a bright future.

The Asiatic Society

ANNUAL REPORT FOR 1961

The Council of the Asiatic Society have pleasure in submitting the following report on the work of the Society during the year 1961.

Patron

Srimati Padmaja Naidu, Governor of West Bengal, very kindly continued to be the Patron of the Society.

Honorary Fellows

Dr. Suniti Kumar Chatterji, M.A., D.Litt. (Lond.), had been elected an Honorary Fellow this year.

Fellows

At the Annual General Meeting held on the 6th February, 1961, Dr. S. K. De, Dr. K. Bagchee and Dr. B. S. Guha were elected Fellows. Dr. B. S. Guha died during the year.

Institutional Members

The number of such members is at present 21.

Ordinary Members

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward	11	Deaths ...	7
New Elections...	54	Resignations ...	9
	—	Lapses of election ...	6
Total ...	65	Total ...	22

The initial total according to the report for 1960 was 619. The net increase in Ordinary Membership during the year was 43. The total at the end of the year 1961 was 662. During the year one member compounded for Life Membership.

The Society suffered loss by the death of the following members who were closely connected with its activities:—Sri Bimal Chandra Sinha, Sri Rathindra Nath Tagore, Major S. C. Dutta, Sri Anandi Lall Poddar, Dr. B. S. Guha, Mr. M. H. Slocum and Sri S. Banerjee.

Council

The Council met 12 times and the average attendance was 14. A brief summary of the important decisions of the Council is given below:—

1. *January 18, 1961*: Accepted the Budget estimates for 1961 as recommended by the Special Finance Committee; (ii) Approved the draft Annual Report as revised.

2. *February 20, 1961*: (i) Formed the various Committees as noted in Appendix IA; (ii) Nominated Dr. A. C. Ukil as an Honorary Member of the General Assembly of the Indian Council for Cultural Relations.

3. *March 20, 1961*: Nominated Dr. J. N. Banerjee as Society's representative on the Central Advisory Board of Archaeology.

4. *April 19, 1961*: (i) Accepted with thanks, along with the conditions the sanction of a grant of Rs. 5,000/- for the year 1960-61, for preservation of manuscripts and books, etc. subject to certain conditions; (ii) Nominated Sri S. K. Saraswati to represent the Society at the Centenary celebration of the Department of Archaeology to be held in New Delhi.

5. *July 24, 1961*: (i) Constituted the following Medal Advisory Boards: 1. Barclay Memorial Medal; 2. Sir Jadunath Sarkar Gold Medal; 3. Dr. Bimala Churn Law Gold Medal; 4. Sarat Chandra Roy Memorial Medal; (ii) Selected Dr. Taha Hussain in place of Dr. C. V. Raman who regretted his inability to accept the award of one of Rabindra Nath Tagore Birth Centenary Medals; (iii) Sanctioned the creation of the post of a Publication Supervisor for ensuring uniformity in the press copies of different publications on the recommendation of a special sub-committee of the Publication Committee.

6. *August 21, 1961*: Accepted membership of Rs. 100/- of the Indian Parliamentary Scientific Committee.

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7. *September 25, 1961*: Unanimously recommended the name of Dr. Suniti Kumar Chatterji for election as an Honorary Fellow.

8. *November 20, 1961*: (i) Accepted the recommendations of the Medal Advisory Boards; (ii) Accepted the report of Dr. K. N. Bagchi regarding the operation of the Preservation Section of the National Archives of India; (iii) Permitted loan of the coins belonging to Asiatic Society, as requested by the Honorary Secretary, Indian Museum, Calcutta, for exhibition in connection with the Centenary celebrations of the Archaeological Survey of India, provided they are returned in their original condition within a week after the exhibition is closed.

9. *December 11, 1961*: (i) Considered and recommended the composition of the Council for 1962-63 in accordance with Rule 37(g); (ii) Decided to send a formal letter of invitation to the Chief Minister to inaugurate the Founder's Day on January 15, 1962.

10. *December 29, 1961 (Emergent Meeting)*: (i) Mourned the death of Sri S. Banerjee, Vice-President and Treasurer; (ii) Nominated Dr. U. N. Ghoshal as President 1962 in place of Sri S. Banerjee and Sri K. P. Khaitan as Vice-President in place of Dr. U. N. Ghoshal; (iii) Dr. K. N. Bagchi, Vice-President to exercise the powers and perform the duties of the Treasurer.

Committees of the Council

The Four Standing Committees of the Council, Bibliotheca Indica, Library, Publication and Finance, met regularly. The other Committees appointed by the Council also met as occasion demanded. In the Appendix IA will be found the composition of the different Committees.

Society's Representations on outside bodies

In the Appendix IB has been given the list of such representatives.

Awards

Barclay Memorial Medal: Professor J. L. Bhaduri and
(For contributions to Biological Dr. Kalipada Biswas jointly.
Sciences).

Sir Jadunath Sarkar Gold Medal: Dr. Surendra Nath Sen.
(For contributions to History of
India from the 13th century
to A.D. 1803).

Dr. Bimala Charan Law Gold Medal: Dr. Jitendra Nath Banerjca.
(For contributions to history, etc.
of India from the earliest
times to A.D. 1206).

Sarat Chandra Roy Memorial Medal: Dr. F. G. Bailey.
(For contributions to the cul-
tural anthropology of India).

Rabindranath Tagore Birth Centenary Plaque

As part of the Society's programme of the celebration of the Centenary of the birth of the great poet the Asiatic Society instituted during the year the award of a bronze plaque, "annually to the author of an outstanding work constituting a creative contribution to any aspect of human culture published in course of ten years preceding the year in which the award is to be made". For the Centenary Year the Society decided to award five such plaques respectively to Earl Bertrand Russel (U. K.), Dr. Arnold J. Toynbee (U. K.), Professor Niels Henrik David Bohr (Denmark), Dr. Daisetsu Suzuki (Japan), and Dr. Taha Hussain (United Arab Republic). The design of the plaque, which is to have the portrait of the poet on one side and a painting by the poet, done in relief, on the other, is complete, and arrangements are being made with the Mint for the preparation of the die and the casting of the plaques for award by May, 1962.

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**Distinguished Visitors and Foreign
Delegates**

Mr. Norman Brown of the University of Pennsylvania; Mr. Akira Hirakama, and Mr. Egaku Mayeda, both of the University of Tokyo; Mr. Hajima Kitamura of the Toyo Bunko, Tokyo; the Chairman, Commonwealth Parliamentary Commission, House of Commons, London; the Secretary General, Commonwealth Parliamentary Associations and Ex-President of Ceylon Branch of the Royal Asiatic Society; Mr. Angelo Morretta of Rome, Mr. H. Montgomery Hyde, Professor and Head of the Department of History, University of Punjab; Mr. J. R. Riviere, Professor of Indology, University of Madrid; Professor Shadavyan Lubsanvandan and Mr. E. N. Glick of the American Institute of Graphic Arts; paid visits to the Society during 1961.

Lectures and Papers

In all 9 Public Lectures were delivered during the year and the average attendance was 9 members and 10 visitors.

Lectures:

<i>Date</i>	<i>Speaker</i>	<i>Subject</i>
January 5	Dr. K. Iizuka	Asian studies in Japan.
17	Mr. H. E. Richardson	Early Historical sites in Tibet (with Illustration).
February 1	Mr. Richard Church.	The Element of Faith in Literature.
May 2	Professor Suniti Kumar Chatterji	Recent visit to Rome and Teheran.
July 6	Sri Hiranmoy Banerjee	Community Development Programme.
September 6	Dr. U. P. Basu, Dr. A. C. Ukil, Prof. B. Datta, Prof. N. C. Bhatta-charya and Sri H. Banerjee	A discussion on the Third Five Year Plan.



November.	17	Professor Walter Ruben	On Buddha.
	30	Rev. Victor Rosner	Hunters and Food gatherers. The Korwars of Jashpur—Madhya Pradesh.
December	7	Dr. Paul Siple	Various problems of Antarctic Regions.

Papers

The following papers were read at the Monthly Meetings:

<i>Date</i>	<i>Speaker</i>	<i>Subject</i>
January	2 Dr. A. K. Majumdar	William Carey and Pandit Vaidyanath.
	Dr. K. N. Bhargava	Variations in the third Metatarsal Bone of man.
	Dr. T. Burrow and Sri S. B. Bhattacharjee	A comparative vocabulary of the Gondi Dialects.
March	6 Sri Niranjan Pal	Floral Organogeny and development of male and female gametophytes in two species of Seropfulariaceae.
	Sri P. Acharya	Note on the Oriya portion of the Valigalini Copper plate grant of Kapilesvara.
	Dr. A. David	Effects of Calcutta Sewage upon the Fisheries of Kulti Estuary and the Cultivable Fisheries.
April	3 Dr. Amita Roy	Four Virabhadra Icons and Lingayat Sect.
May	1 Mrs. Debala Mitra	Some little known Khakhara temples of Orissā.
June	5 Professor K. P. Chattopadhyay	Some changes in Khasi Culture.
	Sri N. C. Sen	Lo Shen Fu.

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Papers

July	3 Dr. S. N. Ghosal	On the Interpretation of a Sutra in Hemacandra's Prakrit Grammar.
August	7 Sri Haran Chandra Neogi	The 'Khatiyas' of the Nasik Inscriptions.
	Dr. Garland Cannon	The Literary place of Sir William Jones.
	Mrs. Debala Mitra	Jambhala—mandalas in Sculpture.
September	4 Sri M. B. Emeneau	Brahui Demonstrative Pronouns.
	Sri Kalyan Kumar Das Gupta	A note on the Visvamitra type of Coins of the Audumbaras.
September	4 Dr. B. M. Sinha	The Endoskeleton of Wallgo Attu (BL and Schn) Part II.
	Sri G. K. Kariyan and Sri Gopalan Nayar	Common Indian Fishing Gear Preservatives—A general account.
November	6 Sri S. Sengupta	Contribution towards a critical edition of the Ganapatha.
	Mrs. Debala Mitra	Notes on Konarak.

Communication

<i>Date</i>	<i>Communicated</i>	<i>Topic</i>
December	4 Professor Chintaharan Chakravarti	Newly acquired manuscript of the Bhagavata Purana with Sridhara's Commentary.

Publications**Journal**

Journal Volume I Parts I, II, III & IV, for 1959, together with Tibetan Bibliography from F to K, was published during the year.

Book printed and released for Sale during 1961

The Natyasastra (English Translation) Volume 2 by Dr. M. Ghosh.

New works sent to the Press

Besides the works, now in the press, the following new works have been sent to the press during the year.

1. Haricarita of Caturbhujā, edited by Professor Siva Prosad Bhattacharya.
2. Tarikh-i-Bangala-i-Muhabatjāngi edited by Sri Abdus Subhan Khan.
3. Index of the English Translation of Maathir-ul-Umara, by Dr. Baini Prashad.

Books ready for the Press

1. Descriptive Catalogue of Sanskrit Mss. Vol. II (Vyākaraṇa, Kosa and Chandah), by Dr. Pulinbehari Chakravarti.
2. Bibliography of Indological studies in 1957 and 1958, by Sri S. Chaudhuri.
3. Catalogue of Books on Philosophy (in European languages) in the Library of the Asiatic Society, Part I, compiled by Srimati Mira Ray Chaudhuri.

New work undertaken

Bibliography of Indological studies in 1959 by Sri S. Chaudhuri.

Reprinting of books

The following works have been approved for reprinting.

- (1) Sad-darsana Samuccaya. Edited by L. Suali (1905-14).
- (2) Six Buddhist Nyaya tracts. Edited by Haraprasad Sastri (1910).
- (3) Pingala's Chandahsutra. Edited by Visvanath Sastri (1871-74).

- (4) Dasarupakam. Edited by F. E. Hall (1861-65).
- (5) Lushai-English Dictionary. Compiled by J. H. Lorrain (1940).
- (6) Akbarnama (English Translation). Tr. by H. Beveridge (1897-1939).
- (7) Tabaqat-i-Nasiri (English Translation)—Indian portion only. Tr. by H. C. Raverty (1873-97).
- (8) Riyadus Salatin (English Translation). Tr. by Abdus Salam (1902-04).

**Statement on sales of the Society's Publications
during the last three years:**

<i>Year</i>				<i>Rs.</i>	<i>nP.</i>
1959	...	...	...	31,181	00
1960	...	...	...	34,811	00
1961	...	...	...	35,660	00*

Library

The Library worked for 288 days.

As desired by members of the Society at the Ordinary Monthly General Meeting held on June 5, 1961, the Council decided to keep the Library open except on Saturdays as follows:

1 to 8 P.M. (March to October)

12 noon to 7 p.m. (November to February)

But it was found that the members attending the library after 7 P.M. did not justify the change in the working hours as suggested by some of them.

The Library Committee met 10 times in the year, viz., on January 9, March 13, April 10, May 9, June 12, July 10, August 14, September 11, November 14, and December 5. Members of the Committee consisted of the President, Treasurer, the Additional Secretaries, Professor Niharranjan Ray, Professor U. N. Ghoshal, Sri Provas Chandra Majumdar and the General Secretary.

*Including Rs. 7,521/- on account of sale of "The Upper Atmosphere" by Professor S. K. Mitra, 2nd revised edition.

The Archaeological Survey of India, Government of India, was permitted to take a few shots for the documentary film on the Centenary of the Archaeological Survey of India.

A review of the work on the basis of the report submitted herein below will show that the members and the bona-fide scholars are making best use of the collections deposited in the library, and the staff tried their best to meet their demands.

Utilisation of the Library

Necessary facilities were extended to 2304 members of the Society and 2075 scholars visiting the Library from different States of India and abroad. 2634* volumes of books were lent out during the year (against 2408 in 1960). 525† manuscripts (against 460 in 1960) were issued in the Reading Room for consultation.

The following manuscripts were lent out during the year:

- (i) Manasāmangala (G. 4993) to Dr. Sukumar Sen.
- (ii) Abhijñanaśakuntalam (G. 340) to Bhandarkar Oriental Research Institute, Poona.
- (iii) Asuri-kalpa and Gitagirisā (G. 8378)
- (iv) Laghvasuri-kalpa (G. 10341)
- (v) Angira-kalpa (G. 2424)
- (vi) Asurikalpa (G. 5883)
- (vii) Vāmanapurāṇa (G. 3533) to All-India Kashiraj Trust, Ramnagar (U. P.).
- (viii) Bhasya-rajā (III. A. 76) to Sanskrit College, Calcutta.
- (ix) Vāmanapurāṇa (G. 844) to Oriental Institute, Baroda.
- (x) Aśvalāyana-srauta-sūtra-vṛtti (G. 1973)
- (xi) Vaitanasūtra-bhāṣya (G. 5716)
- (xii) Manavaśulva-stūtra-bhāṣya (G. 10519) to the University of Madras.
- (xiii-xv) Amin Ahmad Razi's Haft-Iqlim, P. S. C. Nos. 282-3; P.C.C. No. 706 to Dr. M. Ishaque.
- (xvi) Hasrat's Tuti Namah (U. 120) to the University of Lucknow.

*In European languages (1702); Sanskrit Pali, Prakrit (235); Bengali, Hindi (421); Periodicals (214); Arabic-Persian-Urdu (62).

†Sanskritic (367); Arabic (40); Persian (64); Urdu (54).

(xvii) Diwan-i-Naji (U. 54) to Miss K. Jalila, Calcutta.

The extent of use made of the Library and of its various services will be clear from the following figures.

Letters received	...	...	...	1747
Letters despatched	...	...	...	1868
Visitors* to the library	...	...	...	4372
Books taken away on loan	...	...	...	2634
Reminder letters sent	...	...	...	308
Books and Manuscripts returned	...	...	...	2503
Manuscripts on loan	...	...	...	28
Manuscripts issued in the Reading Room	...	...	...	525
Microfilm reels lent out	...	...	...	2
Photostats lent out	...	...	...	1
Slides lent out	...	...	...	21
Inter-Library Loan	...	...	...	
Books borrowed from other Institutions	...	...	...	31
Manuscripts borrowed from other Institutions	...	...	...	6
No. of Institutions to whom books were lent out	...	...	...	40
Manuscripts lent out	...	...	...	9

Inter-Library Loan

Thanks are due to the following Institutions for lending books, manuscripts and microfilms for the use of the members and scholars working in the Society's Library:

- (a) India Office Library, London.
- (b) National Library, Calcutta.
- (c) Bethune College, Calcutta.
- (d) Sanskrit College, Calcutta.
- (e) West Bengal Secretariat Library, Calcutta.

The following six manuscripts were requisitioned for the use of the members:—

- (a) Mozaffar Namah (137).
Tarikh Allihwardi (683).
(From Library, University of Patna).

*Excluding the Research Fellows of the Society and the Research Fellows working under the History of Sciences in India Project.

- (b) Yana Kalpayantitisuktam ((5595).
Atharvanapratimoksara (7603 & 11920).
(From Oriental Institute, Baroda).
- (c) Muzaffarnamah (the 479 I. O. 291).
(From India Office Library, London).

Bibliographical and Reference Services

The Library met multifarious demands on its bibliographical and reference services. In view of the increasing number of queries the services of a full-time qualified Reference Officer is necessary to deal with them in time.

Bibliographies on (1) Studies on Indian epigraphy (1925-50), (2) Studies on Indian system of medicine were prepared. The former has been published in the Journal of the Oriental Institute, Baroda.

Work on a bibliography of articles on Indology, published in the different journals since 1788 is being continued by Sri S. Chaudhuri, the Librarian.

Publication of the *Annual Bibliography of Indological Studies* is in progress.

Photostat and Microfilms

Arrangements are being made for setting up a fully equipped Photographic Section which will enable the Society to supply microfilm copies at cheaper rates to research workers.

Microfilm copies of 2991 folios of books and manuscripts and photostat copies of 838 folios were supplied from the Library to the scholars and institutions.

Research Activities

Out of an annual West Bengal Government Grant the Society created in 1946 four Research Fellowships for (1) Sanskritic, (2) Buddhistic, (3) Epigraphic and Numismatic, and (4) Islamic studies, named respectively after Sir William Jones, Raja Rajendralala Mitra, James Prinsep and R. G. Casey.

Research Fellowship Board constituted during the year, met on May 29, July 11, August 8 and November 16.

(a) Research Fellowship Board:

Dr. U. N. Ghoshal and Dr. Niharranjan Ray were nominated by the Council to serve on the Board respectively as a Fellow and an Ordinary Member of the Society. Other members of the Board were the President, the Treasurer, the Additional Secretaries, the Scholar-supervisors (Professors N. Dutt, J. C. Sen Gupta, Chintaharan Chakravarti, Dr. M. Ishaque, Dr. Benoy Chandra Sen, Dr. Gaurinath Sastri) and the General Secretary.

(b) Appointment:

Srimati Arati Mitra, M.A., was appointed as Sir William Jones Research Fellow for Sanskritic studies, with effect from June 8, 1961, for one year in the first instance.

(c) Extension of Research Fellowships:

The Fellowships of Srimati Mukti Bhattacharya, and Srimati Priti Mukhopadhyaya were extended up to March 31, 1962, and of Srimati Hasna Banoo, and Sri Hrishikesh Guha up to May 31, 1962; and of Sri Saradindu Bhattacharya up to December 7, 1962.

(d) Resignations:

Resignations of Srimati Priti Mukhopadhyaya, (Sir William Jones Research Fellow) and Srimati Hasna Banoo (Casey Research Fellow) were accepted.

(e) Regulations:

The following amendments (Clauses 2b, & 7) and addition (Clause 12) to the Regulation for the guidance of Research Fellows of the Society (Regulation X) were made during the year:—

*2(b) The Librarian of the Society will be in charge of the attendance of the Research Fellows and will collect reports, to be submitted by them in writing, at the end of every six months, as specified in Regulation X, Clause 5.

*7 Research Fellowships will be tenable for one year in the first instance but may be renewed, one year at a time, up to a maximum limit of 3 years at the

discretion of the Council, provided that in very exceptional circumstances the Council will have the power to extend the term by another year.

- †12 Leave Rules and holidays shall be the same as applicable to Society's staff under Regulation VI.
The working hours of the Research Fellows shall be from 1 P.M. to 6 P.M. from Mondays to Fridays.

(f) A brief report of their work for the year is given below:—

(1) *Sir William Jones Research Fellow:*

S.m. Arati Mitra, M.A., has been working from June 8, 1961, On *the Origin and the Development of Sanskrit Prosody*, under the supervision of Professor Chintaharan Chakravarti, Philological Secretary of the Asiatic Society.

(2) *James Prinsep Research Fellow:*

Sri Saradindu Bhattacharya, M.A., is working from December 9, 1960 on the Coins of Bengal under the guidance of Dr. Benoy Chandra Sen M.A., Ph.D. (LOND.), F.A.S., Reader in the Department of Ancient Indian History and Culture, University of Calcutta.

(3) *Raja Rajendralala Mitra Research Fellow:*

Sri Hrishikesh Guha, M.A., is working from June 1, 1960 on a critical edition of the *Karanda-Vyuha* under the guidance of Professor Nalinaksha Dutt, M.A., B.L., Ph.D., D.Litt. (LOND.), F.A.S.

(4) *R. G. Casey Research Fellow:*

Srimati Hasna Banoo, M.A., working since June 1, 1960 on a critical edition of *Diwan-i-Sharaf* of Sharafuddin Muhammad Fadlullah under the guidance of Dr. M. Ishaque M.A., Ph.D. (LOND.), F.A.S., Reader, Department of Arabic and Persian, University of Calcutta, tendered her resignation in September 1961 having been appointed a Lecturer in the Lady Brabourne College, Calcutta.

(5) *Special Research Fellow:*

Srimati Mukti Bhattacharya, M.A., has been working on Reference to plants in the Mahapuranas, under the guidance of Professor J. C. Sen Gupta.

A good progress in their researches has been reported by the respective Scholar-Supervisors.

(g) The Society's representation to the Government of West Bengal to increase the value of each Fellowship from Rs. 150/- p.m. to Rs. 250/- p.m. was turned down.

(h) Report of the Scholars working under the History of Sciences in India Project will be found on pages 63-64.

Acquisitions

Ten classified lists of new accessions to the Library were issued during the year along with the Monthly Meeting Notices.

(a) *Books:*

A grant of Rs. 10,000/- annually for purchase of books and periodicals is much too small for library of the type of the Society's. Under the circumstance and in view of high cost of publications, the selections as well as purchases are drastically restricted and the Library Committee recommended to the Council for increase of Budget grant under this head. The Council provided in the Budget for the year 1962 a sum of Rs. 15,000/- (inclusive of Rs. 3,000/- for the purchase of Unesco Box coupons) for the purchase of books and current periodicals.

Exclusive of periodicals, the total number of accessions during the year was 1516* (against 1414 in 1960) of which 291 volumes were purchased and the rest were received as gifts and exchanges.

(b) *Serial Publications and Journals:*

The following periodicals were approved for subscription during the year:

1. Journal of the history of Ideas. Science Press. Lancashire.
2. The Journal of the Polynesian Society: a quarterly study of the native peoples of the Pacific Area. Wellington, New Zealand. Quarterly.

*In European languages (841); Russian (326) Bengali (106); Hindi (13); Sanskrit Pali, Prakrit (83); Tibetan (1); Asamese (1); Rajasthani (2) Arabic-Persian-Urdu (16)

- 3 Bulletin of the British Society for the history of Sciences. London.

The council also agreed to exchange its journal with the following publications:

1. Viet-Nam Khao-Co Tap-San. Bulletin de l'Institute de Recherches historiques. (Transactions of the Historical Research Institute). Bo Quoc-Gia Giao-Duc, Saigon. (Pp. 599).
2. Journal of the Hong Kong Branch of the Royal Asiatic Society. (From Vol. 1, 1960-61). (Pp. 761).
3. Year-Book of the Francis Hopp Museum of Eastern Asiatic Arts. Nepkoztarsasag-ut ja 103, Budapest-6, Hungary.

All available publications of the Sanskrit Sahitya Parishad, Calcutta, including the *Sanskrit Sahitya Parishad Journal*, were acquired for the Library of the Society in exchange of the publications of the Society of equivalent value.

Thanks are due to the Asia Foundation (U.S.A.), for making a gift of subscriptions to the following periodicals, acquired by the Society.

1. The Journal of Asian Studies. The Association for Asian Studies, Ann Arbor, Michigan. Annual subscription \$10 (Pp. 412).
2. Daedalus. Journal of the American Academy of Arts and Sciences, Boston. Annual subscription \$5.50. (Pp. 756).
3. ISIS. An international review devoted to the history of Science and its cultural influences. Official quarterly journal of the History of Science Society. University of Washington. Annual subscription \$7.50. (Pp. 746).

(c) *Manuscripts:*

A manuscript of *Bhagavata Purana* with Sridhara's commentary has been acquired at a price of Rs. 50/- for the Library. The importance of this manuscript was noticed by Professor Chinacharan Chakravarti at the monthly meeting held on December 4, 1961.

(d) Microfilms:

Microfilm copies of the two manuscripts of *Karanda-vyuha* (Add. 1267; 1270 & 1322) have been purchased from the Cambridge University.

(e) Photostats:

The Photostat copies of the 3 manuscripts of *Haft-Iqlim* (Nos. 4, 6, 7) have been purchased from the Salar Jang Library, Hyderabad.

(f) Xylographs:

The Council accepted the proposal to obtain 151 volumes of the *Tibetan Tripitaka* (Peking ed. Photoprint) from the University of Tokyo, Japan, in exchange of (1) two sets of all available publication of the Society, and (2) one set of microfilms of those that are out of print. The cost of the Tibetan Tripitaka will be about \$ 4,400 (inclusive of postage).

Exhibits

Exhibitions of rare books and manuscripts were organised during the year in connexion with the visits of foreign delegates and distinguished persons.

Cataloguing

For a proper utilisation of the Library, the preparation and publication of catalogues of its different sections constitute one of the pressing responsibilities of the Society. This work is being steadily pursued.

(a) Books:

The Catalogues of (1) Persian printed books, (2) Bengali printed books (including the index of articles in the Bengali periodicals in the Society's library) and (3) Hindi printed books are in the press.

The Author Catalogue of the printed books in the European languages, Vol. I Philosophy—pt. 1 compiled by Srimati Mira Mukherjee, Senior Technical Assistant, will be sent to the press in 1962. It will be published as a supplement to the Year Book of the Society Vol. XXIV, for the year 1957.

Cataloguing of Russian books taken up in 1960 was continued.

(b) Manuscripts:

In pursuance of the order of the Council accepting the scheme of the Government of India for Cataloguing Sanskrit, Pali, Prakrit, Arabic and Persian manuscripts in a tabular form, as indicated in the Government's Circular letter of July 14, 1960, it was decided to hold in abeyance the present system of preparation of descriptive catalogue of manuscripts as the Government of India is not agreeable to make any grant for catalogues to be prepared on these lines. The cataloguing work under the new scheme was started during this year. In the Sanskrit Section the Vedic manuscripts were taken up for cataloguing by Sri Nārendra Chandra Vedantatirtha.

Similar steps have also been taken for the cataloguing of the uncatalogued Arabic manuscripts. Professor Kishorimohan Maitra has been entrusted with the task. The descriptive catalogue of the Arabic manuscripts prepared by Professor Maitra since his appointment in 1950, was examined by a sub-committee which made certain recommendations which are now being attended to.

(c) Xylographs:

The Government of India has been requested to lend the services of a learned Lama for arrangement and cataloguing of Tibetan xylographs and manuscripts. Decision of the Government has not yet been received.

(d) Maps, Charts and Drawings:

No arrangement could be made for indexing during this year for want of staff.

(e) Pamphlets:

Steps to be taken for cataloguing and accessioning pamphlets.

(f) Rare Books:

It was decided to open a Rare-Books section. The Council could not, however, provide any staff, for attending to this work, which is long overdue for want of funds.

(g) Manuscript records:

Steps to be taken for cataloguing.

Binding and Preservation

A Scheme was drawn up with the assistance and co-operation of the National Library, Calcutta-27, for opening a small preservation section and a binding unit. It will now be sent to the Government of India, for necessary funds for its implementation. The members will be glad to learn that the Asia Foundation, California, U.S.A., has expressed its desire to collaborate with the Society, under certain conditions and for a specific period, in its endeavour for the preservation of the valuable books and manuscripts. Thanks are due to the National Library, especially to its two Assistant Librarians, Sri Baidynath Banerji-Chaudhuri and Sri A. B. Sengupta, for drawing up the scheme.

The present arrangement for the fumigation of books and manuscripts is quite inadequate in consideration of the volume of work at hand. It was decided to include in the Plan of the New Building, provision for a Vacuum Fumigation Plant. Four Chambers were in operation during the year.

Dusting of books, manuscripts and xylographs was carried out all through the year.

• At the request of the Council, Dr. K. N. Bagchi, Vice-President visited the National Archives of India, New Delhi in October, 1961. On the basis of his report it was decided to discontinue the present system of lamination and change over to the new method introduced by the National Archives of India.

Five manuscripts sent to the National Archives of India for repair in 1960 has been received back during the year. Thanks are due to the Government of India and especially to the National Archives of India, for undertaking this national work, free of cost. It has also been decided to send another batch of manuscripts for repair to the National Archives of India, as soon as the consent of the Government of India will be available.

• Government of India has sanctioned a grant of Rs. 5,000/- to meet the expenses of the Preservation Unit of the Library. This amount is too inadequate, even according to the estimate of the National Library.

The volume of work done during this year in this section:

Binding:

Issued for binding	...	...	556 vols.
Received back from the bindery	...	...	525 vols.
Amount spent for binding:	...	...	Rs. 2923.44 nP.

Lamination with tissue paper:

Manuscripts	...	...	2244 fols.
Books	...	...	12356 pages.

Lamination with chiffon:

Manuscripts	...	...	234 fols.
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Miscellaneous:

Tracing filling	...	...	5816 pages.
Gathering	...	...	222 vols.
Rebinding		...	411 vols.
Mending	...	...	972 pages.
Mounting of maps	...	...	9

Accommodation and Equipment

A Cabinet to hold the current periodicals was installed in the Current Periodicals Room.

Order has been placed for a Recordak Microfilm Reader with Kodak Ltd. Governments of India and West Bengal have contributed a sum of Rs. 62,501/- each towards the purchase of an Industrial Microfilm Camera (Model A. H.) A room on the ground floor (adjacent to the Repairing and Binding section) was assigned to the Library to house the growing periodical collections. Steel racks to store these periodicals were purchased.

Western Corridor of the first floor was placed at the disposal of the Library and was converted as the Catalogue Room of Printed Publications.

The Society's proposal for the acquisition of a Barrow-type laminating machine through the Ford Foundation of U. S. A. has received the sanction of the Government of India.

The Asia Foundation, California, U.S.A., has suggested a gift of \$500 towards the purchase of bindery equipments for the Library. The proposal is under consideration.

As a portion of the Sanskrit manuscript room was declared unsafe by the Society's Architect, at the time of the piling operation for the New Building of the Society, the manuscripts and the almirahs from that area were removed and kept in the eastern corridor of the first floor.

Miscellaneous

(a) <i>Bibliographical entries prepared, typed and checked</i>				1709
Notes	...	...	...	210 pp.
Cards arranged	...	...	...	2082
(b) <i>Folios transcribed</i>				457
(c) <i>Cataloguing:</i>				
Card mounting	...	...	...	4726
Card filing	...	...	...	2809
Card prepared	...	...	...	2175
Card filed	...	...	...	398
Label writing and pasting	...	...	...	3461 vols.
(d) <i>Periodicals:</i>				
Exchange Instructions sent	...	...	...	262
Accessioned	...	...	...	1676 vols.
Entered in the Register	...	...	...	3788 issues
Label writing and pasting	...	...	...	4962 vols.

NEW BUILDING OF THE SOCIETY

Further to our report last year we are to state that the progress of the construction work is going on steadily.

Salbullah piling to the foundation by Messrs. Martin Buri Limited has been completed. The firm has also completed about 75 to 80 % of the raft foundation and other associated works.

Foundation to about 10 or 12 column bases are still to be done. This is expected to be completed within a fortnight.

Steel Work :

Messrs. Kushumika Iron Works Ltd., have started their site work. They are fixing the screed bars to foundations before erecting the steelwork.

General Building Work :

Tenders for this work have been invited through advertisement in local newspapers and the date of receiving them is 4th January, 1962. On receiving these, the Architects will check and scrutinise the tenders and send their report for acceptance.

Orders for Sanitary fittings and metal windows with glass have been placed earlier and these materials will be available as and when required.

The tubewell tenders which were called at the initial stage, may not hold good now, due to rise in price of pipes. The tenders have to be called for this again.

In view of the upward trend of the market it is good policy to buy as much materials as possible, and such a suggestion to procure the steel rods required for superstructure was received from TATA/SCOB, who have made an offer.

Tenders for two passenger lifts have been accepted. Orders will be sent to Messrs. Otis Elevator Co. (India) Ltd., with an advance, so that the lifts are not delivered after the completion of the building.

As regards internal sanitary works and electrical installation, tender papers are being made ready and tenders will be invited in due course to co-ordinate with the construction of the superstructure.

But the present problem is that cost of this four storeyed building was estimated at Rs. 12,47,700/- in the beginning, but at present it has risen to Rs. 16,82,000/- i.e. nearly Rs. 4,35,000/- more than the previous estimate as now calculated and revised by Messrs. Ballardie, Thomson & Matthews, our Architects. This increase in cost is due to the following factors:

- (i) Due to the various objections from the owners of the adjoining building. Chowringhee Mansions, the adop-

tion of piling and raft foundation with reinforced concrete retaining wall in basement in lieu of Franki pile foundation considered earlier.

- (ii) Adoption of steel frame work in lieu of R. C. work and introduction of superior finish like mosaic.
- (iii) And lastly the price of materials between the period of two estimates, particularly in respect of cement, bricks, stonechips, electrical installation components, sub-station equipments and labour charges.

On the basis of the first estimated cost of 12,47,700/- the Union Government sanctioned a grant for Rs. 9,00,000/- which was duly received in three instalments of Rs. 5,00,000/-, Rs. 2,00,000/- and Rs. 2,00,000/- respectively, the first two instalments being received between the years 1959-60 and last in the year under review. The West Bengal Government also sanctioned a sum of Rs. 3,47,700/- which is expected during the closing of the financial year.

Thus the Society has an estimated deficit of nearly Rs. 4,35,000/- for the said four storeys in the first phase and if the remaining five storeys have to be completed thereafter it will require further amount of Rs. 16,35,000/-. For this deficiency and financial help for other five storeys we have to approach the Government and other sources.

As soon as the New Building is built where the arrangements for damp proof foundation with air-conditioned rooms have been provided for conservation of manuscripts, records and literature, the Society have kept in view to undertake the renovation of the existing 152 years old building by shifting the office and library to it.

Compilation of the history of Sciences in India

At the request from the National Institute of Science of India, the Asiatic Society had agreed to operate two Units under this Scheme, of which one Unit for the ancient period under Prof. P. Ray was sanctioned in the latter half of the financial year.

1960-61 and continued during 1961-62. During 1961-62, the National Institute of Sciences, pending the sanction of the Government of India for the establishment of further Units, was pleased to provide for two Junior Research Scholarships on Rs. 250/- p.m. each for work under Sri S. N. Sen for the compilation of source materials in astronomy, mathematics, geography, physics and allied sciences for the ancient period. In November 1961, a Second Unit under Sri S. N. Sen was sanctioned for operation at the Asiatic Society in which the two Junior Research Scholarships provided previously were absorbed. A sub-committee on the History of Sciences in India consisting of Dr. A. C. Ukil, Dr. D. M. Bose, Dr. R. K. Pal, Dr. J. N. Banerjee, Professor Chintaharan Chakravarti, Sri S. N. Sen, Sri S. K. Saraswati and Professor P. Ray (Convener) was appointed by the Society in 1960, to advise on the work of the Units, which continued to function effectively throughout 1961.

The Scholars associated with the first unit under Professor P. Ray included Srimati Mira Roy, Srimati Mamata Choudhury, Sri Kamakhya Chatterjee, Sri Sabyasachee Chakravarti and Sri Benoy Bhusan Burman Ray as full-time scholars, and Dr. B. R. Nagar as a part-time scholar. Sri Kamakhya Chatterjee resigned on grounds of ill health and Sri Sabyasachee Chakravarti, Sri Benoy Bhusan Burman Ray and Dr. B. R. Nagar resigned for better appointments elsewhere. In December 1961, Sri Hirendra Nath Gupta and Dr. Buddhadev Bhattacharya were appointed to work on part-time basis. In the Second Unit under Sri S. N. Sen, Sri Amulya Kumar Bag has been working from August 1961 and three more scholars, namely Sri Ashim Chaudhuri, Sri S. Rajeswara Sarma and Sri Mrinal Kanti Dutta were appointed in December, 1961.

Valuable materials have already been collected by the Scholars of these two Units. Srimati Mira Roy prepared a bibliography of the Vedic literature with reference to information relating to scientific matters and arranged them under physics, chemistry, botany, zoology, medical sciences, astronomy, mathematics, metals and metallurgy, metrology, textile and agriculture. Similar particulars of scientific import were collected from the

Ramayana and the Mahabharata. Srimati Mamata Chaudhury worked on the Arthasastra, the Kamasutra, the Dharmasastras and is now working on the Puranas. Sri Kamakhya Chatterjee collected information of scientific interest from the reports and bulletins of the Archaeological Department of the Government of India and from works of well-known authorities on the excavations at Harappa, Mohenjodaro and other sites. Dr. B. R. Nagar collected information on the development of chemistry, pharmacy and agricultural practices in ancient India, Sri Sabyasachee Chakravarti on Indian Astronomy, with abstracts of a series of papers on the precession and libration of equinoxes, lunar and solar eclipses, parallax, terrestrial motion, trigonometry, special astronomy etc. and Sri Benoy Bhusan Burman Ray on Indian mathematics in general, the Hindu value of π , the Jaina school of mathematics and Bakhsali mathematics. He also collected information from the *Bṛhat Saṃhitā* and, in co-operation with Sm. Mira Roy, translated portion of *Samarangana Sutrādhara*, dealing with architecture and machines. Sri Amulya Kumar Bag has been working on the descriptive catalogue of Sanskrit manuscripts deposited in the various libraries and collected information on 175 astronomical and mathematical works by 71 Indian authors, giving details of their scripts, contents, study of Mss. so far made, biographical notes of these authors and related matters of historical interest. This work has been reinforced by the addition of another scholar e.g., Sri S. Rajeswara Sarma. Sri Ashim Chaudhury is engaged in the study and abstracting of original contributions in mathematics and astronomy in the periodical literature, while Sri Mrinal Kanti Dutta has just started work on geography and earth sciences.

In August 1961, the National Institute of Science of India, organised a Symposium at the Bose Institute, Calcutta, on 'The History of Sciences in India'. Sri S. N. Sen presented three papers on (1) 'Transmission of Scientific ideas between India and her neighbours in the ancient and medieval period; (2) 'Teaching on the History of Science', and (3) 'Aryabhata's mathematics'. Sm. Mamata Choudhury read a paper on 'Science and Society in the Arthasastra of Kautilya, and Sm. Mira Roy

on 'Scientific information in the Ramayana'. Dr. B. R. Nagai contributed a paper on 'Manuring in ancient India', while Sri Sabyasachee Chakravarti read a paper on 'Origin of the ideas of mathematical 'analysis', Archimedes and Bhaskara—a comparative study' and Sri Benoy Bhusan Burman Ray on 'Aeronautics in ancient India'.

Kemp's Catalogue

Early in 1957, the Council of the Asiatic Society considered the question of undertaking to prepare a revised edition of the Catalogue of Scientific Serial Publications compiled by Mr. Stanley Kemp and published in 1918. The Council appointed a small Sub-committee composed of Dr. D. M. Bose, the late Dr. G. P. Majumder, Sri S. N. Sen, Sri S. K. Saraswati, Dr. A. C. Ukil and Dr. B. C. Kundu and asked Sri S. N. Sen, then Natural History Secretary (Physical Science) to supervise the work. Sri K. Bhattacharyya was appointed on a part-time basis for the work of compilation of the Catalogue. With the meagre financial provision available for the purpose, the work continued for ten months, and the material and returns collected within this short period were compiled and duplicated in 100 copies for distribution to the contributing libraries as a stimulation for further work. The importance of completing this important piece of work needs hardly be overestimated, and I fervently hope that the National Institute of Sciences of India and the Government of India will find possible to provide further funds before long in order to enable the completion of the work so well begun.

Finance

Appendix III contains the Statement relating to the financial position of the Society at the end of the year 1961.

The Fund Accounts show the invested assets, and the Investment Account (No. 42) shows the position of the invested papers separately in respect of each fund.

One new Fund Account has been opened this year, viz: Microfilm Fund A/c (No. 39).

The Statement No. 43 represents the Balance Sheet of the Society and the different Funds administered by it.

All the Annual Grants given by the Government of West Bengal for specific purposes were received during the year 1960-61. The renewal for all these grants for the year 1960-61 have been applied for and it is expected that they will be received in due time.

A grant for Rs. 45,000/- from the Government of India has been received for the year 1960-61 towards the general maintenance of the Society. The annual grant of Rs. 5,000/- from the same Government for Cataloguing and binding Arabic and Persian Mss. and for the purchase of further Mss. was also received for the year 1960-61.

Besides the above noted grants, a grant of Rs. 5,000/- from the Government of India for preservation of manuscripts of the library was duly received in the year 1961. Another grant of Rs. 6,250/- was received from the same Government for purchasing the Microfilm Recorder Camera in this year. An equal sum of Rs. 6,250/- was also received from the Government of West Bengal for the same purpose in view.

Out of the total contributed sum of Meghnath Saha Memorial Fund, a 4 % W.B. Loan for 1967 for Rs. 5,000/- has been purchased this year.

Appendix II contains the Budget Estimates for the year 1962.

Donation

The Society acknowledges with thanks the receipt of a donation of Rs. 1,001/- from Sri G. K. Khemka Charity Trust for purchasing steel shelves.

Printers

A panel of printers has been formed consisting of 13 Presses.

Selling Agents

The Selling agents for the publications of the Society in India, Europe and America were:

- (1) Messrs. Thacker, Spink & Co., Ltd., 3, Esplanade East, Calcutta.
- (2) Messrs. Oxford Book and Stationery Company, Scindia House, New Delhi, and 17, Park Street, Calcutta 16.
- (3) Firma K. L. Mukhopadhyay, 6/1A, Banchharam Akrur Lane, Calcutta 12.
- (4) Messrs. Luzac & Co., 46, Great Russell Street, London, W. C. I.
- (5) Messrs. Moore Cottrell Subscription Agencies, New York, U. S. A.

Solicitors

Messrs. B. N. Basu & Co. acted as Solicitors for the Society. Sri S. K. Ghosh, Solicitor and Senior Partner of the firm, deserves the sincerest thanks of the Council for offering his ungrudging help in many matters involving legal technicalities.

Auditors

The Auditors, Messrs. Price, Waterhouse, Peat & Company, audited the Accounts and thanks are to be conveyed to them for their work.

Medical Relief

We have to express our deep appreciation to Dr. K. N. Bagchi and Dr. R. K. Pal for services rendered in connection with medical relief to members of the staff.

APPENDIX I

A. List of Members of the Council, Committees, Sub-Committees and Boards

Council

President—Dr. A. C. Ukil

Vice Presidents—Dr. N. Dutt.

Dr. S. K. Mitra.

Sri S. Banerjee.

Dr. K. N. Bagchi.

General Secretary—Sri S. K. Saraswati.

Treasurer—Sri S. Banerjee (*up to 24th December, 1961*).

Dr. K. N. Bagchi (*from 29th December, 1961*).

Philological Secretary—Prof. Chintaharan Chakravarti.

Jt. Philological Secretary—Dr. M. Ishaque.

Natural History Secretary (Physical Sciences)—Dr. U. P. Basu.

Natural History Secretary (Biological Sciences)—Dr. J. L. Bhaduri.

Anthropological Secretary—Sri Nirmal Kumar Bose.

Historical and Archæological Secretary—Dr. J. N. Banerjea.

Medical Secretary—Dr. R. K. Pal.

Library Secretary—Dr. Sukumar Ray.

Publication Secretary—Dr. Anil Chandra Banerjee.

Members

Sri H. Banerjee.

Dr. U. N. Ghoshal.

Dr. M. Saber Khan.

Dr. A. P. Banerji-Sastri.

{ Sri A. K. Ghosh.

{ Sri A. V. Venkateswaran.

(*Nominated by
the Government of India*)

Standing Committees

Bibliotheca Indica : President, Treasurer, General Secretary (Ex-officio), Philological Secretary, Jt. Philological Secretary, Dr. S. K. Chatterji, Dr. N. Dutt, Dr. Pulinbehari Chakravarti, Dr. Anukul Chandra Banerjee, Dr. Sukumar Ray, and Dr. A. P. Banerji-Sastri.

Publication : President, Treasurer, General Secretary (Ex-officio), Philological Secretary, Biological Secretary, Anthropological Secretary, Historical and Archæological Secretary, Library Secretary, Publication Secretary, Dr. H. L. Chopra, Dr. U. N. Ghoshal, Dr. N. Dutt, Dr. Sisir Kumar Mitra, Dr. K. N. Bagchi, and Dr. Niharranjan Ray.

Library Committee : President, Treasurer, General Secretary (Ex-officio), Philological Secretary, Jt. Philological Secretary, Physical Science Secretary, Biological Science Secretary, Anthropological Secretary, Historical and Archæological Secretary, Medical Secretary, Library Secretary, Publication Secretary, Dr. Niharranjan Ray, Sri Pravas Chandra Majumdar, and Dr. U. N. Ghoshal.

Finance Committee : President, Treasurer, General Secretary (Ex-officio), Library Secretary, Publication Secretary, Dr. N. Dutt, Dr. S. K. Mitra, Sri H. Banerjee, Dr. K. N. Bagchi, Sri S. C. Chakravarty, Sri A. B. Gupta, Sri K. P. Khaitan; Justice Sri A. N. Ray, and Sri A. V. Venkateswaran.

Advisory Committee

Cultural and Scientific Advisory Committee : President, Treasurer, General Secretary (Ex-officio), Sri N. C. Bhattacharya, Dr. M. Saber Khan, Srimati Ranu Mookerjee, Dr. Sisir Kumar Mitra, Dr. Mahadev Prasad Saha, Dr. B. C. Sen, Sri S. N. Tagore, Sri Benoy Ghosh, Dr. P. C. Gupta, Dr. Bijanbihari Bhattacharya, Sri S. M. Banerji, Sri S. C. Chakravarti, Sri S. M. Banerjee, Dr. A. P. Banerji-Sastri, Dr. D. M. Bose, Dr. K. Biswas, Dr. S. K. Mitra, Dr. J. L. Bhaduri, Dr. R. K. Pal, Dr. K. N. Bagchi, Sri Samar Sen, Prof. Nirmal Kumar Bose, and Dr. U. P. Basu (Convener).

Special Committees

Membership : President, Treasurer, General Secretary (Ex-officio), Dr. R. K. Pal, Dr. A. P. Banerji-Sastri, and Sri Hiranmay Banerjee.

Building & Lease Committee : President, Treasurer, General Secretary (Ex-officio), Dr. N. Dutt, Dr. D. M. Bose, Dr. S. K. Mitra, Sri S. K. Ghosh, Sri Priya Guha, Sri A. K. Bose, Sri S. C. Chakravarty, Srimati Ranu Mookerjee, and Justice Sri A. N. Ray.

Medal Advisory Boards

(1) *Barclay Memorial Medal* : Dr. A. C. Ukil (President), Sri S. Banerjee (Treasurer), Sri S. K. Saraswati (General Secretary), Dr. J. L. Bhaduri (Natural History Secretary, Biological Sciences), Dr. R. K. Pal (Medical Secretary), Dr. U. P. Basu, and Dr. K. N. Bagchi (Past recipient).

(2) *Sir Jadunath Sarkar Gold Medal* : Dr. A. C. Ukil (President), Sri S. K. Saraswati (General Secretary), Professor Chintaharan Chakravarti (Philological Secretary), Dr. M. Ishaque (Joint Philological Secretary), Dr. J. N. Banerjee (Historical and Archaeological Secretary), Dr. B. C. Law (Donor), Professor N. K. Sinha, Dr. A. C. Banerji, Dr. Sukumar Ray, and Sri O. C. Ganguly (Past recipient).

(3) *Dr. Bimala Churn Law Gold Medal* : Dr. A. C. Ukil (President), Sri S. K. Saraswati (General Secretary), Professor Chintaharan Chakravarti (Philological Secretary), Dr. J. N. Banerjee (Historical and Archaeological Secretary), Dr. B. C. Law (Donor), Professor D. C. Sircar, Dr. U. N. Ghoshal, Professor N. K. Bose, and Dr. R. C. Majumdar (Past recipient).

(4) *Sarat Chandra Roy Memorial Medal* : Dr. A. C. Ukil (President), Sri S. K. Saraswati (General Secretary), Professor N. K. Bose (Anthropological Secretary and a nominee of Mrs. S. C. Roy), Sri Tarak Chandra Das (Past recipient), Professor K. P. Chattopadhyaya, and Sri S. Banerjee.

B. Society's Representations on Outside Bodies

- (1) Board of Trustees, Indian Museum, Calcutta—Dr. U. N. Ghoshal.
- (2) Indian Historical Records Commission—Dr. U. N. Ghoshal.
- (3) Central Advisory Board of Archæology—Dr. J. N. Banerjea.
- (4) Indian National Committee on Cataloguing Principles—
—Sri S. K. Saraswati.
- (5) Shista Parisad of the Varanaseya Sanskrit Visva Varanasi—
Professor Chintaharan Chakravarti.
- (6) Indian Council for Cultural Relations, General Assembly—
Dr. A. C. Ukil.
- (7) Centenary Celebrations of the Department of Archæology,
Government of India, and the International Conference
on Asian Archæology at New Delhi—Sri S. K.
Saraswati and Dr. D. C. Sircar
- (8) Special Committee for appointment to the Kamala Lecture-
ship, University of Calcutta—Sri S. K. Saraswati.
- (9) Selection Committee for the appointment of the Raghunath
Prasad Nopany Lectureship, University of Calcutta—
Sri S. K. Saraswati.
- (10) Special Committee for the Award of the Sarojini Bose Medal,
University of Calcutta—Dr. A. C. Banerjee.
- (11) Special Committee for appointment to the Rai Bahadur
Bisseswarlal Motilal Halwasiya Lectureship, Univer-
sity of Calcutta—Dr. A. C. Banerjee.
- (12) Indian History Congress, 24th Session, Delhi—Dr. U. N.
Ghoshal, Dr. J. N. Banerjea, Dr. N. R. Ray,
Dr. A. C. Banerjee, Dr. G. C. Ray Chaudhuri, Sri S.
K. Saraswati, Sri Chotelal Jain, Dr. Sukumar Ray
and Dr. P. C. Gupta.
- (13) All India Oriental Conference, 21st Session, Srinagar—Dr.
U. N. Ghoshal, Professor Chintaharan Chakravarti
and Sri S. K. Saraswati.
- (14) Council of the National Institute of Sciences of India—Dr.
D. M. Bose. Additional Vice-President, and Dr.
U. P. Basu, Additional Member.

APPENDIX II

BUDGET ESTIMATES, 1962

RECEIPTS :

No. Budget Head	Budget Estimate 1961	Revised Estimate 1961	Budget Estimate 1962
1. Interest on Investments ...	8,800	9,000	9,000
2. Rent ...	14,568	14,568	14,568
3. Miscellaneous ...	1,000	1,200	1,200
4. Membership Subscriptions ...	18,000	17,000	18,000
5. Admission Fees ...	1,500	1,500	1,500
6. Compounding Fees ...	200	...	...
7. Grant-in-aid from Government of India ...	...	45,000	...
	Rs. 44,068	Rs. 88,268	Rs. 44,268

EXPENDITURE:

No. Budget Head	Budget Estimate 1961	Revised Estimate 1961	Budget Estimate 1962
1. Salaries:—			
A. Office Staff ...	25,524	26,008	28,992
B. Library Staff ...	21,242	20,300	23,776
2. Provident Fund Contribution ...	2,761	2,900	3,216
3. General Secretary's Conveyance Allowance	1,800	1,800	1,800

No.	Budget Head	Budget Estimate 1961	Revised Estimate 1961	Budget Estimate 1962
4.	Dearness Allowances:—			
	A. Office Staff ...	9,900	10,399	10,380
	B. Library Staff ...	9,720	8,678	9,180
5.	Interim Relief (including Puja Relief) ...	5,700	6,280	7,000
6.	Compassionate Grant	100	62	100
7.	Commission for realising Members' subscription	650	540	650
8.	Conveyance Allowance to Collecting Sarkar ...	420	420	420
9.	Printing Notices, Circulars, etc. ...	3,700	3,700	3,700
10.	Stationery ...	2,800	2,800	3,000
11.	Contingencies and General Charges ...	4,800	4,400	4,800
	...	5,000		4,000
				1,000
12.	Postal charges ...	4,000	3,600	4,000
13.	Electric charges ...	3,200	4,000	4,000
14.	Telephones ...	700	1,000	1,000
15.	Transfer to Building Repair Fund ...	2,000	6,000	6,000
16.	Transfer to Gratuity Fund ...	2,500	2,500	2,500
17.	Transfer to Book Purchase Fund ...	10,000	10,000	12,000
				3,000
18.	Transfer to Servants' Pension Fund ...	54	54	5,000
				54
19.	Taxes ...	4,000	3,000	3,000
20.	Insurance ...	520	515	520
21.	Lower Subordinate Staff Uniforms ...	500	522	500
22.	Furniture and Repairs	250	250	250

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No.	Budget Head	Budget Estimate 1961	Revised Estimate 1961	Budget Estimate 1962
23.	Audit Fee ...	650	650	650
24.	Internal Audit ...	...	...	1,200
25.	Library Book Binding	3,000	3,000	3,500
26.	Salary Leave Reserve	50	21	100
27.	Cataloguing ...	12,000	7,000	10,093
28.	Catalogue of Coins Cabinet ...	1,000	...	2,500
29.	Renovation of Paintings ...	500	...	500
30.	Legal Expenses ...	200	100	200
31.	Transfer of Admission and Compounding Fees to Permanent Reserve ...	3,422	1,500	1,500
32.	House Rent Allowance: Lower Grade Staff ...	884	884	884
	Rs.	<u>1,43,647</u>	<u>1,32,883</u>	<u>1,64,965</u>

(APPENDIX III)

Abstract Statement
of
Receipt and Disbursement
for
the Year 1961

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Year Book A.S. for 1961)

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STATEMENT No. 1

General

Income and Expenditure Account

		Rs.	Np.	Rs.	Np.
TO ESTABLISHMENT:					
General Secretary's Allowances	...	1,650	00		
Salaries	...	46,140	81		
Interim Relief	...	6,255	00		
House Rent Allowance	...	712	00		
Dearness Allowances	...	18,934	13		
Leave Reserve	...	20	92		
				73,712	86
GENERAL EXPENDITURE:					
Commission	...	575	91		
Stationery	...	2,180	89		
Electric Charges	...	3,715	87		
Telephone	...	929	90		
Taxes	...	2,403	44		
Postage	...	2,938	41		
Printing Circulars, Forms, etc.	...	3,918	41		
Audit Fee	...	650	00		
Insurance	...	513	50		
Lower Subordinate Staff, Uniform	...	522	62		
Furniture and Repairs	...	251	00		
Compassionate Grant	...	61	60		
Steel Shelving	...	3,349	57		
Contingencies	...	4,922	32		
Collecting Sircar's Conveyance Allowance	...	420	00		
Legal Expenses	...	34	00		
Purchase of Investment	...	10,215	48		
				37,602	92
LIBRARY AND COLLECTIONS:					
Binding	...	2,923	44		
Cataloguing and Preservation	...	7,123	05		
				10,046	49
Provident Fund Contributions, 1961	...			2,900	45
				1,24,262	72
Transfer to Book Purchase Fund Account	...			10,000	00
Transfer to Building Repairs Fund Account	...			2,000	00
Transfer to Gratuity Fund	...			2,500	00
Transfer to Servants Pension Fund	...			54	00
SUNDRY ADJUSTMENTS:					
Arrears of Members Subscription written off	...			327	00
BALANCE AS PER BALANCE SHEET:					
3% G. P. Notes	Rs.	2,72,200			
4% Loan, 1972	Rs.	4,950			
4% W. B. Loan, 1971	Rs.	10,100			
4% W. B. Loan, 1967	Rs.	2,000			
		2,89,250	00		
Fixed Deposit		30,000	00		
Deficit at date		1,45,179	13		
				1,74,070	87
				3,13,214	59

1961]

Receipts and Disbursements

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Fund

1961

for the year ended 31st December, 1961

		Rs.	Np.	Rs.	Np.
BY BALANCE FROM LAST ACCOUNT				1,71,962	12
CASH RECEIPTS:					
Donation	...	1,001	00		
Interest on Investments	...	9,201	00		
Grant from Government of India	...	45,000	00		
Rent	...	52,748	00		
Miscellaneous	...	1,213	13		
Unpaid Salary	...	9	34		
				1,09,172	47
PERSONAL ACCOUNT:					
Members' Subscriptions	...	20,158	00		
Admission Fees	...	1,602	00		
Compounding Fees	...	220	00		
				21,980	00
Redemption Proceeds of Investment				10,100	00

3,13,214 59

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STATEMENT NO. 2

Oriental Publication

From a monthly grant made by the Government of West Bengal for the languages
Rs. 500, and for the publication of Sanskrit Works hitherto

		Rs.	Np.	Rs.	Np.
To Editing	...			24	00
Printing	...			8,890	70
Balance as per Balance Sheet					
Rs. 4,950 4 % Loan, 1972	...	4,950	00		
Rs. 5,000 4 % Loan, 1972	...	5,000	00		
Rs. 10,000 3½ % Treasury Saving	...				
Deposit	...	10,000	00		
Surplus at date	...	9,503	58		
				29,453	58
				38,368	28

STATEMENT NO. 3

Oriental Publication

From an annual grant made by the Government of West Bengal of
Historical

		Rs.	Np.	Rs.	Np.
To Printing	...			1,056	00
Balance as per Balance Sheet					
Rs. 5,000 4% West Bengal Loan, 1967	...	5,000	00		
Surplus at date	...	13,407	41		
				18,407	41
				19,463	41

STATEMENT NO. 4

Sanskrit Manuscripts

From an annual grant of Rs. 3,200 made by the Government of
acquired by the Society; and Rs. 3,600 from the same Government

		Rs.	Np.	Rs.	Np.
To Purchase of Manuscript	...			50	00
Salary	...			3,920	00
Printing	...			290	00
Cataloguing	...			543	38
Balance as per Balance Sheet	...			10,285	44
				15,088	82

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Receipts and Disbursements

57

Fund No. 1, in Account with A. S.

1961

Publication in Oriental Works and Works of Instruction in Eastern unpublished, Rs. 250

	Rs.	Np.	Rs.	Np.
By Balance from last Account	...		28,622	53
W. B. Govt. Grant	...		9,000	00
Interest realized during the year	...		745	75
			<u>38,368</u>	<u>28</u>

Fund No. 2, in Account with A. S.

1961

Rs. 3,000 for the publication of Arabic and Persian Works of Interest

	Rs.	Np.	Rs.	Np.
By Balance from last Account	...		16,263	91
W. B. Govt. Grant	...		3,000	00
Interest realized during the year	...		199	50
			<u>19,463</u>	<u>41</u>

Fund Account, in Account with A. S.

1961.

West Bengal for the publication of the Catalogue of Sanskrit Manuscripts for Research Work.

	Rs.	Np.	Rs.	Np.
By Balance from last Account	...		8,288	82
W. B. Govt. Grant	...		6,800	00
			<u>15,088</u>	<u>82</u>

58.

Year-Book A. S. for 1961

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STATEMENT NO. 5

Arabic and Persian Manuscripts

From an annual grant of Rs. 5,000 made by the Government of
Manuscripts, acquired by the Society; for the purchase of
of Arabic and Persian Manuscripts

	Rs.	Np.	Rs.	Np.
To Cataloguing ...			4,755	00
Balance as per Balance Sheet ...			516	59

 5,271 59

STATEMENT NO. 6

Barclay Memorial

From a sum of Rs. 500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 700 3% Conversion Loan, 1946 ...	700	00		
Rs. 150, 4% W. B. Loan, 1967 ...	150	00		
Surplus at date ...	106	80		
			956	80

 956 80

STATEMENT NO. 7

Servants' Pension

Founded in 1876 as the Piddington Pension Fund

	Rs.	Np.	Rs.	Np.
To Pension ...			144	00
Balance as per Balance Sheet—				
Rs. 3,000, 3% Conversion Loan, 1946 ...	3,000	00		
Deficit at date ...	9	71		
			2,990	29

 3,134 29

1961]

Receipts and Disbursements

59

Fund Account, in Account with, A. S.

1961

India for the cataloguing and binding of Arabic and Persian
further Manuscripts, and for the preparation of notices
found in various Libraries in India

	Rs.	Np.	Rs.	Np.
By Balance from last account ...	...		271	59
Grant from Govt. of India ...	...		5,000	00
			5,271	59

Fund Account, in Account with, A. S.

1961

General, I.M.S., for the foundation of a medal for the
and Biological Sciences.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...	...		930	31
Interest realized during the year ...	...		26	50
			956	80

Fund Account, in Account with, A. S.

1961

with Rs. 500 odd from the Piddington Fund.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...	...		2,990	79
Interest realized during the year ...	...		89	50
Transfer from A. S. General Fund ...	...		54	00
			3,134	29

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STATEMENT No. 8

Annandale Memorial

From donations and subscription

	Rs.	Np.	Rs.	Np.
To Cost of Medal ...			66	75
Balance as per Balance Sheet—				
Rs. 4,000, 3% Conversion Loan, 1946	4,000	00		
Surplus at date ...	493	59		
			4,493	59
			4,560	34

STATEMENT No. 9

Permanent Library Endowment

From gifts received

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 14,000, 3% Conversion Loan, 1946 ...	14,000	00		
Rs. 8,000, 12 yr. National Saving Deposit	8,000	00		
Rs. 1,800, 4% W. B. Loan, 1967 ...	1,800	00		
Surplus at date ...	3,210	91		
			27,010	91
			27,010	91

STATEMENT No. 10

Sir William Jones Memorial

From a sum gifted for the purpose

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 3,000, 3% Conversion Loan, 1946 ...	3,000	00		
Surplus at date ...	724	81		
			3,724	81
			3,724	81

STATEMENT No. 11

Pramathanath Bose Memorial

From a sum gifted for

	Rs.	Np.	Rs.	Np.
To Cost of Medal ...			51	25
Balance as per Balance Sheet—				
Rs. 1,800, 3% Conversion Loan, 1946 ...	1,800	00		
Rs. 500, 3½% T. S. Deposit ...	500	00		
Surplus at date ...	272	57		
			2,572	57
			2,623	82

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Receipts and Disbursements

61

Fund Account, in Account with A. S.

1961

started in 1926.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			4,440	84
Interest realized during the year	...			119	50
				<u>4,560</u>	<u>34</u>

Fund Account, in Account with A. S.

1961

started in 1926.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			26,520	15
Interest realized during the year	...			490	76
				<u>27,010</u>	<u>91</u>

Fund Account, in Account with A. S.

1961

in 1926, by Dr. U. N. Brahmachari.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			3,635	31
Interest realized during the year	...			89	50
				<u>3,724</u>	<u>81</u>

Fund Account, in Account with A. S.

1961

the purpose in 1935.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			2,552	82
Interest realized during the year	...			71	00
				<u>2,623</u>	<u>82</u>

STATEMENT No. 12

Joy Gobind Law Memorial

From a donation for the purpose

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 3,000, 3% Conversion Loan, 1946 ...	3,000	00		
Surplus at date ...	737	24		
			3,737	24
			3,737	24

STATEMENT No. 13

Calcutta Science Congress Prize

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 3,000, 3% Conversion Loan, 1946 ...	3,000	00		
Surplus at date ...	740	21		
			3,740	21
			3,740	21

STATEMENT No. 14

Dr Bruhl Memorial

From a sum gifted for the purpose in

	Rs.	Np.	Rs.	Np.
To Cost of Medal ...			21	69
Balance as per Balance Sheet—				
Rs. 1,000, 3% Conversion Loan, 1946 ...	1,000	00		
Rs. 500, 3½% T. S. Deposit ...	500	00		
Surplus at date ...	319	19		
			1,819	19
			1,840	88

STATEMENT No. 15

Dr. Bimala Charan Law Gold Medal

From a sum gifted for the

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Rs. 8,000, 3% Conversion Loan, 1946 ...	8,000	00		
Rs. 500, 3½% T. S. Deposit ...	500	00		
Surplus at date ...	789	55		
			9,289	55
			9,289	55

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Receipts and Disbursements

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Fund Account, in Account with A. S.

1961

in 1929 by Dr. Satya Charan Law.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			3,647	74
Interest realized during the year ...			89	50
			<u>3,737</u>	<u>24</u>

Fund Account, in Account with A. S.

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			3,650	71
Interest realized during the year ...			89	50
			<u>3,740</u>	<u>21</u>

Fund Account, in Account with A. S.

1961

1929, by the Bruhl Farewell Committee.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			1,793	64
Interest realized during the year ...			47	24
			<u>1,840</u>	<u>88</u>

Fund Account, in Account with A. S.

1961

purpose by Dr. B. C. Law.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			9,032	55
Interest realized during the year ...			257	00
			<u>9,289</u>	<u>55</u>

STATEMENT No. 16

Sarat Ch. Roy Medal Fund
From a sum gifted by Mrs.

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—					
Rs. 4,000, 4% Loan, 1972	...	4,000	00		
Surplus at date	...	849	01		
				4,849	01
				4,849	01

STATEMENT No. 17

Durga Prasad Khaitan Memorial
From a sum donated

		Rs.	Np.	Rs.	Np.
To cost of Medal	...			526	19
Repair of Dies	...			245	30
Balance as per Balance Sheet—					
Rs. 10,000, 3% Loan, 1970-75	...	10,000	00		
Rs. 500, 3½% T. S. Deposit	...	500	00		
Surplus at date	...	737	25		
				11,237	25
				12,008	74

STATEMENT No. 18

Sir Jadunath Sarkar Medal
From a sum donated

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—					
Rs. 8,000, 3% Conversion Loan, 1946	...	8,000	00		
Surplus at date	...	1,126	02		
				9,126	02
				9,126	02

STATEMENT No. 19

Dr. Meghnad Saha Memorial Fund
From Contributions

		Rs.	Np.	Rs.	Np.
To Purchase of Investment	...			5,030	98
Balance as per Balance Sheet—					
4% W. B. Loan, 1971	...	5,000	00		
Surplus at date	...	610	02		
				5,610	02
				10,641	00

STATEMENT No. 20

Book Purchase Fund
From a sum transferred from

		Rs.	Np.
To Book Purchases	...	10,590	91
Balance as per Balance Sheet	...	858	13
		11,449	04

1961]

Receipts and Disbursements

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Account, in Account with A. S.

1961

S. C. Roy for the purpose.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			4,689	51
Interest realized during the year	...			159	50
				4,849	01

Fund Account, in Account with A. S.

1961

by Mr. D. P. Khaitan.

By Balance from last Account	...			11,692	24
Interest realized during the year	...			316	50
				12,008	74

Fund Account, in Account with A. S.

1961

by Dr. B. C. Law.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			8,886	52
Interest realized during the year	...			239	50
				9,126	02

Account, in Account with A. S.

1961

received.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			5,641	00
Investment credited at Face Value	...			5,000	00
				10,641	00

Account, in Account with A. S.

1961

General Fund.

		Rs.	Np.	Rs.	Np.
By Balance from last Account	...			1,449	04
Transfer from A. S. General Fund	...			10,000	00
				11,449	04

STATEMENT No. 21

Dr. Bimāla Charan Law Collection.
From a sum donated

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—					
Rs. 200, 4% W. B. Loan, 1967	...	200	00		
Surplus at date	...	832	45		
				1,032	45
				1,032	45

STATEMENT No. 22

Research Fellowship
From an annual grant of Rs. 7,200

		Rs.	Np.	Rs.	Np.
To Scholarships	...			6,200	00
Advertisement	...			24	50
Purchase of Mss.	...			79	31
Balance as per Balance Sheet—					
Rs. 10,000, 4% W. B. Loan, 1967	...	10,000	00		
Surplus at date	...	1,032	19		
				11,032	19
				17,336	00

STATEMENT No. 23

Historical Publication
From grants

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—					
Rs. 20,000, 3½% T. S. Deposit	...	20,000	00		
Surplus at date	...	7,271	64		
				27,271	64
				27,271	64

STATEMENT No. 24

Rajasthani Fund Account
From a sum donated

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet	...			50	81
				50	81

STATEMENT No. 25

Preservation of Manuscripts
From a grant received from

		Rs.	Np.	Rs.	Np.
To Balance from last Account	...			5,386	51
Salary	...			2,658	00
Repairs	...			3,074	09
Preservation	...			1,064	54
Advertisement	...			16	25
				12,199	39

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Receipts and Disbursements

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Fund Account, in Account with A. S.

1961

by Dr. B. C. Law.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			1,024	95
Interest realized during the year ...			7	50
			1,032	45

*Fund Account, in Account with A. S.
made by the Government of West Bengal.*

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			9,736	50
Annual Grant received during the year ...			7,200	00
Interest realized during the year ...			399	50
			17,336	00

*Fund Account, in Account with A. S.
made by the Government of West Bengal.*

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account			26,573	39
Interest realized during the year ...			698	25
			27,271	64

*in Account with A. S.
by G. D. Birla.*

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			50	81
			50	81

*Fund Account, in Account with A. S.
the Government of India.*

1961

	Rs.	Np.	Rs.	Np.
By Govt. of India Grant ...			5,000	00
Balance as per Balance Sheet ...			7,199	39
			12,199	39

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STATEMENT No. 26

History of Science Board

From Grant received

		Rs.	Np.	Rs.	Np.
To Supervisor's Allowance	...			1,875	00
Scholarships	...			11,669	34
Salary	...			1,725	00
Furniture	...			2,227	31
Stationery	...			253	70
Book Purchase	...			13	97
Printing	...			48	00
Advertisement	...			106	50
				17,918	82

STATEMENT No. 27

Portrait Maintenance

From Contributions

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet	...			380	00
				380	00

STATEMENT No. 28

Sarat Lal Medal

From Donation

		Rs.	Np.	Rs.	Np.
To Cost of Medal	...			51	55
Balance as per Balance Sheet—	...				
Rs. 850, 4% W. B. Loan, 1967	...	850	00		
Surplus at date	...	88	02		
				938	02
				989	57

STATEMENT No. 29

Maathir-ul-Umara

From a grant received

		Rs.	Np.	Rs.	Np.
To Editing	...			283	56
Balance as per Balance Sheet	...			3,558	13
				3,841	69

STATEMENT No. 30

Nepal Manuscript

From a grant received

		Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet	...			5,671	09
				5,671	09

1961]

Receipts and Disbursements

69

Fund Account, in Account with A. S.
from National Institute of Sciences of India.

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	4,503	74
	Advance from N. I. S. I	...	...	13,233	36
	Balance as per Balance Sheet	...	...	181	72
				17,918	82

Fund Account, in Account with A. S.
received.

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	380	00
				380	00

Fund Account, in Account with A. S.
received.

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	956	07
	Interest realized during the year	...	...	33	50
				989	57

Index Fund Account, in Account with A. S.
from the Government of India.

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	3,841	69
				3,841	69

Fund Account, in Account with A. S.
from the Government of India

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	5,671	09
				5,671	09

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STATEMENT No. 31

Receivers
From

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet—				
Fixed Deposit ...	17,500	00		
Surplus at date ...	814	82		
			18,314	82
			18,314	82

STATEMENT No. 32

Building Repairs

	Rs.	Np.	Rs.	Np.
To Repairs during the year ...			2,031	56
Electric Installation ...			3,333	17
Balance as per Balance Sheet ...			6,080	04
			11,444	77

STATEMENT No. 33

New Building Fund

	Rs.	Np.	Rs.	Np.
To Purchase of Steel ...			78,902	61
Salary of Engineer ...			5,549	03
Piling Operation ...			1,73,095	25
Professional Service fees ...			10,413	71
Steel Casements and Windows ...			26,650	74
Pujah Relief ...			100	00
Contingencies ...			20	20
Return of Security Deposit ...			6,376	00
Deposit with Calcutta Corporation ...			1,730	00
Balance as per Balance Sheet ...			3,49,401	14
			6,52,238	68

STATEMENT No. 34

Gratuity Fund Account,

	Rs.	Np.	Rs.	Np.
To Balance as per Balance Sheet ...			7,500	00
			7,500	00

1961]

Receipts and Disburements

71

Account, in Account with A. S.

1961

Rents received.

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			17,902	66
Interest on Fixed Deposit ...			412	16
			18,314	82

Fund Account, in Account with A. S.

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			9,444	77
Transfer from A. S. General Fund ...			2,000	00
			11,444	77

Account, in Account with A. S.

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			4,52,238	68
Government of India Grant ...			2,00,000	00
			6,52,238	68

in Account with A. S.

1961

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			5,000	00
Transfer from A. S. General Fund ...			2,500	00
			7,500	00

STATEMENT NO. 35

Provident Fund Account

From Contributions by the

	Rs.	Np.	Rs.	Np.
			0	10
To Cost of a Stamp ...				
Balance as per Balance Sheet—				
Rs. 5,200, 3% Loan, 1963-65 ...	5,200	00		
Rs. 5,000, 4% Loan, 1972 ...	5,000	00		
Rs. 8,000, 3½% 10 yr. Treasury Savings Deposit ...	8,000	00		
Rs. 4,000 12 yr. National Savings Deposit ...	4,000	00		
Savings Bank ...	19,514	56		
Advances ...	3,124	00		
			44,438	56
			44,838	66

STATEMENT NO. 36

Provident Fund Advances

	Rs.	Np.	Rs.	Np.
To Balance from last Account ...			3,411	00
Payments during the year ...			3,290	00
			6,701	00

STATEMENT NO. 37

Personal

	Rs.	Np.	Rs.	Np.
To Balance from last Account ...			25,723	36
Miscellaneous ...			3,905	24
A. S. Subscription etc. ...	21,980	00		
Book Sales, etc. ...	21,627	90	43,607	90

73,236 50

1961]

Receipts and Disbursements

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in Account with A. S.

1961

Society and its Staff

	Rs.	Np.	Rs.	Np.
By Balance from last Account ...			37,945	59
Interest on loans realized during the year ...	211	00		
Staff Contribution for the year ...	2,900	45		
Society's Contribution for the year ...	2,900	45		
			6,011	90
Interest on Investments and from Savings Bank ...			881	17
			44,438	66

Account, in Account with A. S.

1961

	Rs.	Np.	Rs.	Np.
By Refunds during the year ...			3,577	00
Balance as per Balance Sheet ...			3,124	00
			6,701	00

Account

1961

	Rs.	Np.	Rs.	Np.
By Cash Receipts during the year—				
Members Subscription, etc. ...	18,492	00		
Book Sales, etc. ...	24,087	44		
Miscellaneous ...	2,056	98		
			44,636	42
Books returned ...			154	50
Arrears of Members Subscription written off, A. S. ...			327	00
Balance as per Balance Sheet ...			28,118	58

Outstanding	Amount due to the Society		Amount due by the Society	
	Rs.	Np.	Rs.	Np.
Members ...	15,791	00	1,204	81
Publication ...	14,813	91	1,218	00
Bill Collectors Deposit ...			100	00
Tagore Portrait Fund ...			178	00
Miscellaneous ...	348	00	133	52
	30,952	91	2,834	33

73,236 50

STATEMENT NO. 38

Publication Fund Account

		Rs.	Np.	Rs.	Np.
To Books returned	...			154	50
Journal and Proceedings	...			11,779	15
Royalty	...			8,000	00
Publicity	...			624	00
Kemp's Catalogue	...			754	25
Purchase of paper	...			1,888	24
Editing	...			179	06
Balance as per Balance Sheet—					
Rs. 10,000, 4% Loan, 1972	...	10,000	00		
Rs. 20,000, 4% W. B. Loan, 1967	...	20,000	00		
Surplus at date	...	1,26,502	31		
				1,56,502	31
				1,79,881	51

STATEMENT NO. 39

Microfilm Fund

		Rs.	Np.	Rs.	Np.
To Payments	...			1,114	35
Balance as per Balance Sheet	...			14,042	83
				15,157	18

STATEMENT NO. 40

Deposit Account, Provident Fund (Savings)

		Rs.	Np.	Rs.	Np.
To Balance from last Account	...			12,334	59
Deposit of Interest realized from loans during the year	...	211	00		
Deposit of Contributions during the year	...	5,800	90		
Deposit of Advances returned	...	3,577	00		
				9,588	90
Interest on investments and from Bank	...			881	17
				22,804	66

STATEMENT NO. 41

Deposit Account, Fixed Deposit

		Rs.	Np.	Rs.	Np.
To Balance from last Account	...			17,500	00
Deposits during the Year	...			30,000	00
				47,500	00

1961]

Receipts and Disbursements

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in Account with A. S.

1961

		Rs.	Np.	Rs.	Np.
By	Balance from last Account	...	...	1,36,855	52
	Grant received during the year	...	...	4,500	00
	Book Sales	...	21,627 90		
	Cash Sale of Publication	...	14,699 59		
				36,327	49
	Interest realised during the year	...	...	1,198	50
	Grant from N. I. S. I. during the year	...	...	1,000	00
				1,79,881	51

Account, in Account with A. S.

1961

		Rs.	Np.	Rs.	Np.
By	Govt. of India Grant	...	...	6,250	00
	Govt. of W. B. Grant	...	...	6,250	00
	Receipts	...	...	2,657	18
				15,157	18

Bank Deposit with State Bank of India, Park Street).

1961

		Rs.	Np.	Rs.	Np.
By	Withdrawal for Staff Advances, etc.	...	...	3,290	00
	Cost of a Stamp	...	...	0	10
	Balance as per Balance Sheet	...	...	19,514	56
				22,804	66

(with State Bank of India, Park Street).

1961

		Rs.	Np.	Rs.	Np.
By	Balance as per Balance Sheet	...	...	47,500	00
				47,500	00

STATEMENT No. 42

Investments

		Rs.	Np.
To Balance from last Account ...	...	4,72,900	00
New Investments during the Year ...	...	5,000	00
		4,77,900	00

FUNDS	Face Value Rs.	
THE ASIATIC SOCIETY		
<i>Permanent Reserve</i>		
3 % Conversion Loan, 1946 ...	2,53,700	
3 % Loan, 1896/97 ...	500	
4 % Loan, 1972 ...	4,950	
4 % West Bengal Loan, 1971 ...	10,100	
<i>Temporary Reserve</i>		
3 % Conversion Loan, 1946 ...	18,000	
4 % West Bengal Loan, 1967 ...	2,000	2,89,250
<i>Oriental Publication Fund No. 1</i>		
4 % Loan, 1972 ...	4,950	
4 % Loan, 1972 ...	5,000	
3½ % Treasury Savings Deposit, 10 Yr. ...	10,000	
<i>Oriental Publication Fund No. 2</i>		
4 % West Bengal Loan, 1947 ...	5,000	
<i>Barclay Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	700	
4 % West Bengal Loan, 1967 ...	150	
<i>Servants Pension Fund</i>		
3 % Conversion Loan, 1946 ...	3,000	
<i>Annanale Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	4,000	
<i>Permanent Library Endowment Fund</i>		
3 % Conversion Loan, 1946 ...	14,000	
4 % West Bengal Loan, 1967 ...	1,800	
12 Year National Savings Deposit ...	8,000	
<i>Sir William Jones Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	3,000	
<i>Pramatha Nath Bose Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	1,800	
3½ % Treasury Savings Deposit, 10 Yr. ...	500	
<i>Joy Gobind Law Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	3,000	
<i>Calcutta Science Congress Prize Fund</i>		
3 % Conversion Loan, 1946 ...	3,000	
<i>Dr. Bruhl Memorial Fund</i>		
3 % Conversion Loan, 1946 ...	1,000	
3½ % Treasury Savings Deposit, 10 Yr. ...	500	69,400
Carried over ...		3,58,650

1961]

Receipts and Disbursements

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Account

1961

By Balance as per Balance Sheet ...

Rs.	Np.
4,77,900	00

Carried over ... 4,77,900 00

Brought Forward ...		3,58,650
FUNDS	Face Value Rs.	
<i>Dr. Bimala Charan Law Gold Medal Fund</i>		
3 % Conversion Loan, 1946 ...	8,000	
3½% Treasury Savings Deposit, 10 Yr. ...	500	
<i>Sarat Ch. Roy Medal Fund</i>		
4 % Loan, 1972 ...	4,000	
<i>L. P. Khaitan Memorial Fund</i>		
3 % Loan (1970-75) ...	10,000	
3½% Treasury Savings Deposit, 10 Yr. ...	500	
<i>Sir Jadunath Sarkar Medal Fund</i>		
3 % Conversion Loan, 1946 ...	8,000	
<i>Dr. Megh Nad Saha Memorial Fund Account</i>		
4 % West Bengal Loan, 1971 ...	5,000	
<i>Dr. Bimala Charan Law Collection Fund</i>		
4 % West Bengal Loan, 1967 ...	200	
<i>Research Fellowship Fund</i>		
4 % West Bengal Loan, 1967 ...	10,000	
<i>Historical Publication Fund</i>		
3½% Treasury Savings Deposit, 10 Yr. ...	20,000	
<i>Sarat Lal Memorial Medal Fund</i>		
4 % Loan, 1967 ...	850	
<i>Publication Fund</i>		
4 % Loan, 1972 ...	10,000	
4 % West Bengal Loan, 1967 ...	20,000	
<i>Provident Fund</i>		
3 % Loan (1963-65) ...	5,200	
4 % Loan, 1972 ...	5,000	
3½% 10 yr. Treasury Savings Deposit ...	8,000	
12 Year National Savings Deposit ...	4,000	
		1,19,250
		4,77,900

1961]

Receipts and Disbursements

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Account

1961

			Rs.	Np.	Rs.	Np.
Brought Forward	...	...			4,77,900	00

4,77,900 00

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Year-Book A. S. for 1961

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STATEMENT No. 43

Balance.

As at 31st

LIABILITIES	Rs.	Np.	Rs.	Np.
General Fund Account	...	...	1,74,070	87
Oriental Publication Fund No. 1 Account	...	...	29,453	58
Oriental Publication Fund No. 2 Account	...	...	18,407	41
Sanskrit Manuscript Fund Account	...	...	10,285	44
Arabic and Persian Manuscripts Fund Account	...	...	516	59
Barclay Memorial Fund Account	...	...	956	80
Servants Pension Fund Account	...	...	2,990	29
Annandale Memorial Fund Account	...	...	4,493	59
Permanent Library Endowment Fund Account	...	...	27,010	91
Sir William Jones Memorial Fund Account	...	...	3,724	81
Pramatha Nath Bose Memorial Fund Account	...	...	2,572	57
Joy Gobind Law Memorial Fund Account	...	...	3,737	24
Calcutta Science Congress Prize Fund Account	...	...	3,740	21
Dr. Bruhl Memorial Fund Account	...	...	1,819	19
Dr. Bimala Charan Law Gold Medal Fund Account	...	...	9,289	55
Sarat Ch. Roy Medal Fund Account	...	...	4,849	01
Durga Prasad Khaitan Memorial Fund Account	...	...	11,237	25
Sir Jadunath Sarkar Medal Fund Account	...	...	9,126	02
Book Purchase Fund Account	...	...	858	13
Dr. Meghnad Saha Memorial Fund Account	...	...	5,610	02
Dr. Bimala Charan Law Collection Fund Account	...	...	1,032	45
Research Fellowship Fund Account	...	...	11,032	19
Historical Publication Fund Account	...	...	27,271	64
Rajasthan Fund Account	...	...	50	81
Portrait Maintenance Fund Account	...	...	380	00
Sarat Lal Medal Fund Account	...	...	938	02
Maathir-ul-Umara Index Fund Account	...	...	3,558	13
Nepal Manuscript Fund Account	...	...	5,671	09
Receivers Account	...	...	18,314	82
Building Repairs Fund Account	...	...	6,080	04
New Building Fund Account	...	...	3,49,401	14
Gratuity Fund Account	...	...	7,500	00
Provident Fund Account	...	...	44,838	56
Personal Account Sundry Liabilities	...	...	2,834	33
Publication Fund Account	...	...	1,56,502	31
Microfilm Fund Account	...	...	14,042	83

Notes :—

1. All Capital expenditure has, as usual, been charged to revenue.
2. Accrued Assets and Liabilities, other than on account of members subscription, have not been taken into account.

9,74,197 84

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and report that they are in accordance therewith. In our opinion, the above Balance Sheet together with the notes thereon, sets forth correctly the position of the Society as at 31st December, 1961.

PRICE, WATERHOUSE, PEAT & CO.

Auditors

Calcutta, 1st February, 1962,

Chartered Accountants

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1961

An Ordinary Monthly General Meeting of the Society was held on Monday, the 2nd January, 1961, at 5-15 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.,
President (in the Chair)

Members :

Bagchi, K. N.,	Chattopadhyay, Amal K.
Bhaduri, J. L.,	Clarke, B. M.,
Bhattacharya, A.,	Ghose, Lakshman Kumar,
Bose, Sudhansu Kumar,	Ray, Niharranjan,
Chakravarty, P.,	Saha, M. P.,
Chakravarty, Ranee,	Samanta, S. N.,
Chatterjee, C.,	Saraswati, S. K.,
Chatterjee, P. P.,	Sen, Chitrabhanu,
	Shome, M. L.,

Just before the meeting started Dr. Niharranjan Ray drew the attention of the Chairman to page 7 of the Printed Notice of the Monthly Meeting and said that he was surprised to find that the Council had recommended one and the same individual for two offices, Vice-President and Treasurer, for election to the Council that would take place shortly. He could understand this if it had been a mid-term occasion, but when the entire Council was going to be elected for the next full term it was difficult to comprehend the reason for such recommendation. This, he added, had never been done in the past.

Ordinary Monthly Meeting

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The Chairman said that the matter was considered in the last meeting of the Council which did not find any bar in the rules now in force in making the above recommendation. He promised, however, to bring the view expressed by Dr. Ray before the Council.

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 5th December, 1960.

The General Secretary read the minutes which were duly confirmed.

(2) The Chairman requested the General Secretary to announce the receipt of books, presented to and purchased by the Society in November, 1960.

The General Secretary said that 180 books had been added to the Library, 160 by presentation and 20 by purchase, and that they were exhibited on the table for inspection by members.

(3) The Chairman called upon the General Secretary to read the names of the candidates for membership of the Society and appointed Dr. R. Chakravarty and Mr. B. M. Clarke to act as scrutineers. While the scrutiny was going on the Chairman proceeded with the other items on the agenda.

(4) The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

(5) The Chairman next requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(a) Death—1

Sri Satish Chandra Ghosh, Pleader, Dumka.

(Ordinary Member since 6-4-59)

- (b) Resignations—3
- (c) Lapse of election—Nil.
- (d) Papers—3

1. "William Carey and Pandit Vaidyanath"
by Dr. A. K. Majumdar.
2. "Variations in the third Metatarsal bone of Man"
by Dr. K. N. Bhargava.
3. "A comparative Vocabulary of the Gondi dialects"
by Dr. T. Borrow and Sri S. Bhattacharya.

(6) The Chairman then observed that it was a matter of pity that none of the abovementioned authors could be present to read his paper. They might however be taken as read and synopses are given below. With regard to the first paper Dr. Bagchi suggested that the Society might procure a copy of 'Carey Saheb's Munshi', pp. 800, as well, as it was an important volume on this subject.

1st Synopsis

It is generally assumed that William Carey was the author of several Marathi books, and in a sense was the father of modern Marathi prose literature. But letters written by William Carey show that the honour is really due to a Marathi Pandit named Vaidyanath. He translated into Marathi the *Dvātrīṃsat Puttalikā*, the *Hitopadeśa* and the Life of *Raja Pratapaditya*, the last being a well-known Bengali work of Ramram Bose. Little is known about Vaidyanath. He was born in c. 1761, and joined the Fort William College in 1804, after having served Carey for about six months. Besides Marathi, which was his mother tongue, he had a fair knowledge of Bengali and Hindusthani (which in those days really meant Urdu) and "a tolerable knowledge of Sanskrit, Persian and Orea". According to Carey, Vaidyanath's translation of the *Raja Pratapaditya Charit* was "the first effort which has been made to write elegant prose in that (Marathi) language". Vaidyanath left the Fort William College sometime between June 1819 to May 1820,

2nd Synopsis

Variations seen in one hundred metatarsals have been noted and described. They were chiefly in respect of the base, articular facet for second metatarsal, the site and number of nutrient foramina, the facet for the two sesamoid bones on the planter surface of the head and the facet for the proximal phalanx.

The basal articular facet apart from being kidney shaped was also spindle or inverted-pear shaped. A horizontal line drawn at the hilum into three distinct types viz. in one the dorsal portion was bigger, in the second it was equal and in the third it was smaller than the planter portion.

The situation of the notch on the lateral concave border of the facet in the middle, near the dorsal or planter surface, and the interruption on the medial convex border of the kidney shaped articular facet in 46 cases converted the kidney to a spindle shaped articular surface.

The accessory articular facet for second metatarsal, present in 26 cases, was circular or oval and restricted to the dorsal end.

The site and the number of nutrient foramina—varied from one to three. A single foramen was present only in 84 %, two in 30 % and three in 3 % cases. The site also varied much.

The facets for the sesamoid bones on the head showed that the medial facet invariably the larger one, was triangular or rectangular in outline while the lateral impression was oval. One or both of these impressions were divided into two or three by horizontal ridges thus presenting various combinations of the facets. As described by Holland only in two specimens the lateral impressions showed division by a median longitudinal groove.

The articular facet for proximal phalanx on the head extended on to the dorsal surface, either with a uniform convexity or with a liping directed on to the lateral surface — a variation more common in the civilised races.

3rd Synopsis

This vocabulary, consisting of as many as 3,601 entries, is the result of an intensive survey undertaken under sponsorship of the Department of Anthropology, Government of India. In this survey material was taken down in a number of Gondi dialects spoken in Yeotmal, Gadchiroli (Chanda), Chindwara, and by the hill Maria of Bastar, the Hoya of Malkangiri, and the Muria of North Bastar. Besides, information was also collected on the Gondi of Adilabad district, the Gondi of Sirocha and various other dialects. The amount of material collected in this field-survey registers a considerable supplementation to the Gondi material recorded in the *Dravidian Etymological Dictionary* by Burrow. In this vocabulary the material collected in the field is presented, not by itself, but in combination of all the available printed material. Consequently, all the various sources are systematically indexed and all the usable lexicographical material they contain is made available in the present compilation in which most of the dialects are represented.

(7) On the report of the scrutineers, the Chairman declared that the following candidates had been duly elected as Ordinary members of the Society:

68. *Rev. Ghosananda*, M.A., Research Scholar, Nava Nalanda Mahavihara, Nalanda, P.O. Bihar.

Proposed by: S. K. Saraswati.

Seconded by: Sukumar Roy.

69. *Poladian, Vahan*, M.A., 56B, Free School Street, Calcutta-16.

Proposed by: Ramaprasad Mookerjee.

Seconded by: S. K. Saraswati.

Ordinary Monthly Meeting

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70. *Majumdar, Bimal Kanti*, M.A., D.PHIL., Pl24, Lake View Road, Calcutta-29.

Proposed by: Amal Kumar Chattopadhyay.

Seconded by: Chitrabhanu Sen.

71. *Chatterjee, Rashmohan*, B.A., LL.B., Solicitor, Notary Public, 1, Queen's Park, Calcutta-19.

Proposed by: S. Banerjee.

Seconded by: A. N. Ray.

The Chairman next drew the attention of members to the Special Notice that the Society would be celebrating the Foundation Day on Monday, January 16, 1961, at 8-30 a.m., at which Dr. B. C. Roy, seniormost Member of the Society and Chief Minister, West Bengal, would inaugurate the function as the Chief Guest, and requested the members to be present on that occasion.

(8) The Chairman then declared the meeting closed.

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An Ordinary Monthly General Meeting of the Asiatic Society was held on Monday the 6th February, 1961, immediately after the termination of the Annual General Meeting, for election of Ordinary Members and the transaction of routine business as follows:—

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.

President (in the Chair)

Members :

Bagchi, K. N.,
Banerjee, A. C.,
Banerjee, S.,
Bhaduri, J. L.,
Bose, Sudhansu Kumar,
Chatterjee, P. P.,
Ghose, Devaprasad,

Ghose, Lakshman,
Khan, M. S.,
Masud, Syed Mohammed,
Pal, R. K.,
Saraswati, S. K.,
Shome, M. L.,
Yusuf, K. M.

And others who did not sign the register.

Before commencement of the proceedings the Chairman reported to the members the news of the sad demise of Dr. Shri Krishna Sinha, Chief Minister, Bihar, and a valued Member of the Society, and requested them to stand up in silence in memory of the departed. The members stood in silence as requested.

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 2nd January, 1961.

The General Secretary read the minutes which were duly confirmed.

Principal Deva Prasad Ghose wanted to know why the Foundation Day celebration was held a day later than the 15th January, on which date in the year 1784 the Society was founded. Dr. Ukil explained that unfortunately the celebration could not be held on the 15th January and had to be postponed to the 16th as Dr. B. C. Roy, Senior most Member of the Society and Chief Minister, West Bengal, who was to be the Chief Guest at the function, was outside Calcutta. The Chairman further added that in future the Foundation Day celebration should be held on the 15th January every year.

(2) The Chairman requested the General Secretary to announce the receipt of books, presented to and purchased by the Society during December, 1960.

The General Secretary said that 193 books had been added to the Library, 117 by presentation and 76 by purchase, and that they were exhibited in the Library for inspection by members who were requested to see the books there.

(3) The Chairman called upon the General Secretary to read the names of the candidates for membership of the Society and appointed Dr. A. C. Banerjee and Sri Lakshman Ghosh to act as scrutineers. While the scrutiny was going on the Chairman proceeded with the other items on the agenda.

(4) The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

(5) The Chairman next requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported that there were no death, no resignation and no lapse of election.

(6) On the report of the scrutineers, the Chairman declared that the following candidates had been elected as members of the Society.

1. Ojha, Phanindra Nath, M.A., PH.D., Head of the Department of History, Ranchi University; Lower Burdwan Compound, Ranchi.

Proposed by : Benoy Krishna Roy.

Seconded by : Chitrabhanu Sen.

2. Chaudhuri, Rai Harendra Nath, M.A., LL.B., Minister-in-charge, Education Department, Government of West Bengal, "Munshi House", Baranagar, Calcutta-36.

Proposed by : S. Banerjee.

Seconded by : S. K. Saraswati.

3. Qutbuddin, Fazil; 11, Market Street, Calcutta-19.

Proposed by : K. M. Maitra.

Seconded by : A. M. K. Masumi.

4. Mukerjee, Sm. Ranu, President, Academy of Fine Arts; 7, Harrington Street, Calcutta-16.

Proposed by : S. K. Saraswati.

Seconded by : S. Banerjee.

5. Viswanathan, S., M.A.; P. 558/1, Panditya Road Extension, Calcutta-29.

Proposed by : Debiprasad Chattopadhyay.

Seconded by : S. K. Saraswati.

6. Bhattacharyya, Suresh Chandra, M.A., Assistant Professor Ancient Indian and World History, Sanskrit College, Calcutta-12.

Proposed by : Kalyan Kumar Das Gupta.

Seconded by : S. K. Saraswati.

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An Ordinary Monthly General Meeting of the Asiatic Society was held on Monday, the 6th March, 1961, at 5-15 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.,
President (in the Chair)

Members :

Acharya, P.,
Bagchi K. N.,
Banerjea, J. N.,
Banerji-Sastri, A.,
Biswas, K.,
Chakravarti, P.,
Chakravarty, R.,
Clarke, Brian M.,
Chatterjee, P. C.,

Dutta, S. N.,
Ganguly, J.,
Masaud, S. M.,
Mukherjee, Abani,
Mukherji, B. B.,
Saha, M. P.,
Saraswati, S. K.,
Sen, Chitrabhanu,
Pal, Niranjan

Visitors :

Singh, S. N.

Mara, R.

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting, held on 6th February, 1961.

The General Secretary read the minutes which were duly confirmed.

(2) The Chairman requested the General Secretary to announce the receipt of books, presented to and purchased by the Society during January, 1961.

The General Secretary said that 133 books had been added to the Library, 108 by presentation and 25 by purchase, and that they were exhibited on the table for inspection by members.

(3) The Chairman called upon the General Secretary to read the names of the candidates for membership of the Society and appointed Sri Abani Mukherjea and Dr. R. Chakravarty to act as scrutineers. While the scrutiny was going on the Chairman proceeded with the other items on the agenda.

(4) The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

(5) The Chairman next requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

- (a) Death—Nil.
- (b) Resignation—1
- (c) Lapse of election—1
- (d) Papers—3
 - (i) Floral organogeny and development of male and female gametophytes in two species of Scrophulariaceae, by Sri Niranjan Pal.
 - (ii) Note on the Oriya portion of the Valigalini Copper plate grant of Kapilesvara, by Sri P. Acharya.
 - (iii) Effects of Calcutta Sewage upon the Fisheries of the Kulti Estuary and the cultivable Fisheries, by Dr. A. David.
- (e) Communication—Nil.
- (f) Exhibit—Nil.

He further reported:

(g) That the Council of the Asiatic Society had sanctioned a conveyance allowance at the rate of Rs. 150/- per month for the General Secretary for the period from 1-3-61 to 28-2-62.

(6) The General Secretary reported further that the following Committees consisting of the undernoted members were formed:

STANDING COMMITTEES

BIBLIOTHECA INDICA :

President, Treasurer, General Secretary (ex-officio); Philological Secretary, Jt. Philological Secretary, Dr. S. K. Chatterji, Dr. N. Dutt, Dr. Pulin Behari Chakravarti, Dr. Anukul Chandra Banerjee, Dr. Sukumar Roy and Dr. A. P. Banerji-Sastri.

PUBLICATION :

President, Treasurer, General Secretary (ex-officio); Philological Secretary, Biological Secretary, Anthropological Secretary, Historical & Archaeological Secretary, Library Secretary, Publication Secretary, Dr. H. L. Chopra, Dr. U. N. Ghoshal, Dr. N. Dutt, Dr. Sisir Kumar Mitra, Dr. K. N. Bagchi and Professor Niharranjan Ray.

LIBRARY :

President, Treasurer, General Secretary (ex-officio); Philological Secretary, Jt. Philological Secretary, Physical Science Secretary, Biological Secretary, Anthropological Secretary, Historical & Archaeological Secretary, Medical Secretary, Library Secretary, Publication Secretary, Professor Niharranjan Ray, Sri Provas Chandra Majumdar and Dr. U. N. Ghoshal.

FINANCE :

President, Treasurer, General Secretary (ex-officio); Library Secretary, Publication Secretary, Dr. N. Dutt, Dr. S. K. Mitra,

Sri H. Banerjee, Dr. K. N. Bagchi, Sri S. C. Chakravarti, Sri A. B. Gupta, Sri K. P. Khaitan, Justice Sri Ajit Nath Ray and Sri A. V. Venkateswaran.

ADVISORY COMMITTEE

CULTURAL & SCIENTIFIC :

President, Treasurer, General Secretary (ex-officio); Sri N. C. Bhattacharya, Dr. M. Saber Khan, Srimati Ranu Mookerjee, Dr. S. K. Mitra, Dr. Mahadev Prasad Saha, Dr. B. C. Sen, Sri Saumyendra Nath Tagore, Sri Benoy Ghosh, Dr. P. C. Gupta, Dr. Bijan Behari Bhattacharya, Sri S. M. Banerjee, Sri S. C. Chakravarty, Sri H. Banerjee, Dr. A. P. Banerji-Sastri, Dr. D. M. Bose, Dr. K. Biswas, Dr. S. K. Mitra, Dr. J. L. Bhaduri, Dr. R. K. Pal, Dr. K. N. Bagchi, Sri Samar Sen, Professor Nirmal Kumar Bose and Dr. U. P. Basu (Convenor).

SPECIAL COMMITTEES

MEMBERSHIP :

President, Treasurer, General Secretary (ex-officio), Dr. R. K. Pal, Dr. A. P. Banerji-Sastri, Sri Hironmoy Banerjee.

BUILDING & LEASE :

President, Treasurer, General Secretary (ex-officio), Dr. N. Dutt, Dr. D. M. Bose, Dr. S. K. Mitra, Sri S. K. Ghosh, Sri Priya Guha, Sri A. K. Bose, Sri S. C. Chakravarty, Srimati Ranu Mookerjee and Justice Sri Ajit Nath Ray.

(7) Discussion and adoption of the Annual Report and Accounts for 1960, as per Rule 50 (iv).

The Chairman said that it was customary to adopt the annual report and Accounts of the Society by the members at a Monthly Meeting. The Annual General Meeting was held on the 6th February, 1961 and at that meeting the Annual Report and the Accounts for the year 1960 were placed and the Annual address was read by the President. As it was inconvenient to discuss

and adopt it at that meeting, it was to have been discussed and adopted at the next Monthly General Meeting, under Rule 50(iv). Accordingly this comes before you today. The Chairman proposed the motion for the adoption of the Annual Report and the Accounts for 1960 and was seconded by Sri P. C. Chatterjee.

The motion was carried unanimously.

(8) (i) The Chairman requested Sri Niranjana Pal to read and comment on his paper entitled "Floral organogeny and development of male and female gametophytes in two species of Scrophulariaceae".

After Sri Pal had finished Dr. K. Biswas asked some questions to which Sri Pal gave suitable replies. The Chairman thanked the author for his valuable paper which would be published in Society's journal in due course.

Synopsis

The organogeny of the flower, and the development of the gametophytes in *Lindenbergia indica* (Linn.) Kuntze and *Mazus japonicus* (Thumb.) Kuntze are described. The floral organs arise in the order sepals, stamens and petals and carpels. Some interesting behaviour of the endothelial and tapetal cells have been discussed. Microsporogenesis and development of the male gametophyte are normal. The Pollen grains are tricolporate and 2-nucleate. In *L. indica*, sometimes a multiple archesporium is met with. Megaspore-tetrads in *M. japonicus* are at times T-shaped. Development of the embryo sac follows the Polygonum type. Double fertilisation has been observed. Integumentary tapetal jacket in the ovule develops in both species studied. In *L. indica*, a hypostase is organised.

(ii) The Chairman then requested Sri P. Acharya to read and comment on his paper entitled "Note on the Oriya portion of the Valigalini Copper plate grant of Kapileswara",

After Sri Acharya finished Dr. U. N. Ghoshal commented on one or two points in the paper.

The Chairman thanked Sri Acharya for his interesting paper and added that it would be published in the Society's journal.

Synopsis

Thanks are due to Dr. D. C. Sircar for the care and interest with which he edited the above mentioned copper-plate grant in this Journal Vol. XXIII, 1957, No. 1, and the *Epigraphia Indica* Vol. XXXIII. It is an important document for the history of Orissa. According to the tradition of the *Mādalāpanji* Kapilendra or Kapileśvara, the first king of the solar dynasty after the Gangas of Orissa, was a beggar boy and thief who was selected by the last Ganga king named Bhanu Deva as his successor. But the contemporary records like this as well as that of Raghu Deva, the nephew and Viceroy of Kapileśvara which was edited by Dr. D. C. Sircar in the *Epigraphia Indica* have conclusively proved that the tradition is entirely baseless.

The Oriya portion of the Valigalini copper-plate is the last portion of the trilingual inscription written in Telugu and Oriya. This set of the grant was edited by late Raja Saheb Lakshmi Narayan Harichandan Jagadeva of Teekali, but he failed to decipher and interpret its content. Dr. Sircar's success simply is great.

In this paper a few improvement in reading is suggested by the author and also has given the interpretation of the occasion called *Simha-Bṛhaspati-purnva-kāla* when the grant was made in the midst of the stream of the Godavari by Kapileśvara on the Vaiśākhi Purnimā of Saka 1380, corresponding to the 27th April A.D. 1458.

The Chairman regretted that Dr. A. David was not present to read his paper entitled "Effects of Calcutta

Sewage upon the Fisheries of the Kulti Estuary and the cultivable Fisheries."

The paper in his absence was taken as read and a summary of same is given below:

Synopsis

While determining the effects of sewage from the city of Calcutta upon the fish life of the Kulti estuarine creek, certain hydrographical, chemical and biological investigations were undertaken. The mode of sewage admixture and the impact of the forceful tidal effects upon dissipation of the sewage load show that the accumulated sewage mainly oscillates in the region without dissipating quickly, and has converted the length of about 30 miles of the creek a vast 'septic' tank.

The chemical tests of the water have shown a subnormal dissolved oxygen content under all conditions together with other favourable factors. At high tides apparently when the estuary is to be free from contamination, chemical tests still reveal that the condition of the water was quite unsatisfactory to support a normal fish community. The plankton and other biotal organisms are very poorly represented when compared to the adjoining uncontaminated estuaries.

Fish-life is almost totally eliminated by the gross pollutional load and can only exist within the Kulti for about 8 hours during the course of two tidal cycles in a day. The obvious ill-effects are mainly due to asphyxiation caused by deoxygenated water. Undetermined toxicants brought from industrial plants as well as those generated by an incomplete bacterial action, appear to add to the totality of unfavourable conditions of existence both for fish and other organisms.

Fishing as an industry is non-existent. Eighty species recorded are mainly brought up by the force of flow currents,

The *Pangasius* Catfish however seems to be unaffected, having developed certain breathing traits to compensate an oxygen deficiency in its environs.

Fish larvae and Prawn young, which are used as 'seed' for planting brackish water culture fisheries have almost entirely disappeared, the numerous 'bheris', particularly within the spills of the Kulti's upper arterial channels, suffering thus a great loss.

(9) On the report of the scrutineers, the Chairman declared that the following candidates had been duly elected as Ordinary Members of the Society:

- (7) Franci, Giorgio Renato, PH.D., Instructor in Italian, Calcutta University; C/o Italian Consulate General, 4, Raja Santosh Road, Alipore, Calcutta.

Proposed by : Nityananda Singh Roy.

Seconded by : S. K. Saraswati.

- (8) Carbone, Leonardo, B.A. (Honours); 18, Queen's Mansion, Park Street, Calcutta-16.

Proposed by : Nityananda Singh Roy.

Seconded by : S. K. Saraswati.

- (9) Singh, Braj Nandan, M.A.; 76, Upper Chitpur Road, Calcutta-7.

Proposed by : Nirbhay Narayan Mallick.

Seconded by : S. K. Saraswati.

- (10) Indra, H. K., M.B. (Cal.), D.O. (Lond.), Principal, R. G. Kar Medical College, Calcutta; 1, Belgachia Road, Calcutta-4.

Proposed by : K. N. Bagchi.

Seconded by : R. K. Pal.

- (11) Chattopadhyay, Chittaranjan, B.A. (Cal.), Assistant Superintendent, Indian Airlines Corporation, P. 17, Mission Row Extension, Calcutta; P.O. & Vill. Kodalia, 24-Parganas, West Bengal.

Proposed by : Prabhakar Chatterjee.

Seconded by : Amal Kumar Chattopadhyay.

(10). The Ghairman then declared the meeting closed.

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An Ordinary Monthly General Meeting of the Society was held on Monday, the 3rd April, 1961, at 5-30 p.m.

Present :

Dr. K. N. Bagchi, M.B., D.T.M., F.R.I.C., F.N.I.,
Vice-President (in the Chair)

Before taking the Chair, Dr. Bagchi said that as Dr. Ukil, President, was out of Calcutta he was occupying the Chair, according to the Rules.

Members

Bose, Sudhansu Kumar,
Chakravarty, R.,
Chakravarti, S. C.,
Clarke, Brian M.,
Ganguly, J.,
Ghose, Dilip,

Masud, S. M.,
Mukherjea, Abani,
Saha, M. P.,
Saraswati, S. K.,
Sen, Chitrabhanu,
Shome, M. C.,

Yusuf, K. M.

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting, held on 6th March, 1961.

The General Secretary read the minutes which were duly confirmed.

(2). The Chairman announced the receipt of books, presented to and purchased by the Society during February, 1961. He said that the Society had received 160 books in the Library, 154 by presentation and 6 by purchase, and requested the members to inspect them.

(3) The Chairman said that there were 7 candidates for

membership this month and, as on the last occasion, he requested Dr. R. Chakravarty and Sri Abani K. Mukherjea to act as scrutineers. While the scrutiny was going on the Chairman proceeded with the other items on the agenda.

(4) The Chairman enquired if any member wished to give notice of any motion, under Rule No. 49(d).

There was none.

(5) The Chairman next requested the General Secretary to make the reports and communications from the Council, under Rule No. 49(g).

The General Secretary reported as follows:—

(a) Death—Nil.

(b) Resignations—2.

1. Mrs. S. Ghosh ... (Ord. Member since February, 1959)
2. Sri Sailendra Nath Ghosal ... (Ord. Member since April, 1958)

(c) Lapse of election—Nil.

(d) Paper—1

“Four Virabhadra Icons and Lingayat Sect” by Dr. Amita Roy.

(e) Communication—1

“Form and antiquity of the Simhāsana and the Kurmāsana mentioned in the Sanskrit literature”, by Dr. Manmohan Ghosh.

(f) Exhibit—Nil

(6) As Dr. Amita Roy was not present to read her paper entitled “Four Virabhadra Icons and Lingayat Sect”, the Chairman invited any member present to read and comment on the paper. As no one offered to do the same the paper was taken as read.

Synopsis

This paper brings to light four metal plaques acquired long ago by the Rijks Museum Voor Volken Kunde, Leiden. All these plaques represent one and the same god which, because of their iconographic features and characteristics, the authoress has sought to identify as representing the Virabhadra form of Siva. Apart from the iconographic form, which is by itself very interesting from the point of view of the religious history of the South, it has been sought to prove that these plaques were used as protective shields or big magical amulets, held by the hand or hung from the neck, by the *Janganas* or priests of the Lingayat Sect. In this connection it has been sought further to explain how Virabhadra came to be associated with the Lingāyats or Virasaivas who have been shown in this paper to have represented a militant and aggressive Sect of Saivas of South India, a Sect that seems to have come into being, at any rate in their militant and aggressive form, in the 12th Century during the time of Vijjala Kalachūrya.

(7) The Chairman next requested Dr. Manomohan Ghosh to communicate on "Form and antiquity of the Simhāsana and the Kurmāsana mentioned in Sanskrit literature".

Dr. Ghosh illustrated his interesting speech on the above subject by passing round four original photos taken by him of the royal thrones preserved by the Cambodian Ministry of Culture. These photographs were taken with the kind permission of the Ministry of Culture in Cambodia.

A synopsis of Dr. Ghosh's communication is given below.

After Dr. Ghosh had finished his speech the Chairman invited a discussion, in which Sri S. K. Saraswati and Dr. K. N. Bagchi joined.

The Chairman thanked Dr. Ghosh for his communication on his own behalf and on behalf of the members present.

Synopsis

The Simhāsana is the name of the royal seat, and it is used for the sitting of the king at the time of his coronation as well as in presenting himself in the court. According to the available ancient specimens, this Simhāsana is a fourlegged seat usually rectangular in shape, and its legs are carved in the form of the paws of a lion evidently for justifying its name.

Dr. Ghosh discovered some time ago in Cambodia three old wooden seats on the back of an image of a complete lion, which were used there formerly as the Buddhist preacher's seat. They have been preserved there in the hall of the Ministry of Cults. Showing photographs of them taken with the kind permission of the said Ministry Dr. Ghosh has given reasons to show how their archetype might go back to the time of Buddha, and was in all likelihood the most primitive type of Simhāsana. From this Dr. Ghosh concluded that the view about the Simhāsana being an importation from the West, is not correct.

The Kurmāsana is also another kind of royal seat mentioned in the ancient Sanskrit literature. But no specimen of this has unfortunately been found anywhere. Dr. Ghosh discovered also two other Buddhist preacher's seats of peculiar kind in the hall of the Cambodian Ministry of Cults, and these are on the back of a complete tortoise. After showing the photographs of these, Dr. Ghosh has again given reasons why the archetype of these seats should go back at least to the time of Buddha.

(8) On the report of the scrutineers, the Chairman declared that the following candidates had been duly elected as Ordinary Members of the Society, and closed the meeting.

(12) Mode, Heinz, D. PHIL., Professor of Oriental Archaeology, Halle University, 550, Panditiya Road Extension, Calcutta-25.

Proposed by : Sailendra Nath Samanta.

Seconded by : Chitrabhanu Sen.

- (13) Gupta, Anil Kumar, F.R.C.S. (Eng.), Director, Institute of Post-Graduate Medical Education and Research, Calcutta, P. 404/5, Gariahat Road, Calcutta.

Proposed by : Dr. Ranee Chakravarty.

Seconded by : Chitrabhanu Sen.

- (14) Bhattacharya, Harendra Kumar, B.Sc., B.T., 5/16, Dum Dum Road, Calcutta-30.

Proposed by : S. K. Saraswati.

Seconded by : K. M. Maitra.

- (15) Pal, Praphulla Chandra, M.A., Keeper of Bengali Manuscripts, Calcutta University, 144B, Ashutosh Mukherjee Road, Calcutta-25.

Proposed by : Chintaharan Chakravarti

Seconded by : P. Chakravarti.

- (16) Mitra, Chittaranjan, M.A., History Department, Kalna College, P.O. Kalna, Burdwan.

Proposed by : Chitrabhanu Sen.

Seconded by : K. M. Maitra.

- (17) Narayanan, Srinivasa, Income Tax Officer, 23A, S. R. Das Road, Calcutta-26.

Proposed by : Suniti Kumar Chatterji.

Seconded by : Chitrabhanu Sen.

- (18) Chatterji, Prabhat Kumar, B.L., Burashibtalla, P.O. Burashibtalla, Chinsurah, Dist. Hooghly.

Proposed by : S. K. Saraswati.

Seconded by : Chitrabhanu Sen.

- (19) Swamy, Narayan, L.S., B.E., 117, Infantry Workshop Coy., E.M.E., C/o 56 APO. Residence; C/55, Thillai Nagar South, Worur Trichinopoly 3 (Madras State).

Proposed by : S. K. Saraswati.

Seconded by : M. P. Saha.

An Ordinary Monthly General Meeting of the Asiatic Society was held on Monday, the 1st May, 1961, at 5-30 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.,
President (in the Chair)

Members

Bagchi, K. N.,	Kar, R. C.,
Banerji, Aparna,	Majumdar, J. M.,
Banerji, Sudhansu M.,	Masud, S. M.,
Basu, U. P.,	Mukherjee, Abani,
Bhattacharyya, Gauri Sankar,	Mukherji, B. N.,
Bose, Sudhansu Kumar,	Poladiary, V.,
Chakravarti, S. C.,	Saha, M. P.,
Chunder, P. C.,	Saraswati, S. K.,
Ganguly, J.,	Sen Gupta, J. C.,
	Shome, M. L.

Before commencement of the proceedings, the Chairman said:

"For your information I have the mournful duty to record the sad and untimely death of Sri Bimal Chandra Sinha, Minister of Land and Land Revenue, Government of West Bengal, and a Member of the Asiatic Society, which occurred on the 17th April, 1961."

He then asked the members present to stand up in silence for two minutes to pay homage to the memory of the deceased. All stood up in respectful silence. After this the Chairman requested the General Secretary to send a condolence resolution to the members of the bereaved family.

The Chairman then requested Dr. P. C. Chunder to read the obituary notice of the deceased.

After Dr. Chunder had finished reading the obituary notice, the Chairman added:

"Sri Sinha was a true representative of the modern Bengali. He was a sincere friend and a perfect gentleman. A scion of the Paikpara Raj family, he had a brilliant academic career at the University of Calcutta and had made his mark in the field of learning. In his death the Society has lost one of its best and distinguished members."

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 3rd April, 1961.

The General Secretary read the minutes which were duly confirmed.

(2) The Chairman announced that 97 books had been added to the Library in March, 1961, 88 by presentation and 9 by purchase, and that they were exhibited on the table for inspection by members.

(3) The General Secretary read the names of the candidates for membership of the Society and the Chairman appointed Sri Sudhansu Kumar Bose and Sri J. M. Majumdar to act as scrutineers. While the scrutiny was going on the Chairman proceeded with other items on the agenda.

(4) The Chairman enquired if any member wished to give notice of any motion under Rule 49(d).

There was none.

(5) The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(a) Death—1

Sri Bimal Chandra Sinha ... (Ord Member since May, 1958)
Minister of Land and Land Revenue, Government of West Bengal.

(b) Resignation—1

Sri Jogi Lal Halder ... (Ord. Member since 7-3-60)

(c) Lapse of election—Nil.

(d) Paper—1

“Some little known Khakhara temple of Orissa” by Mrs. Debala Mitra.

(e) Communication—Nil.

(f) Exhibit—Nil.

(6) As Mrs. Debala Mitra was not present to read her paper the Chairman said that in the absence of the author the paper might be taken as read.

(7) The Chairman next announced the decision of the Council regarding the award of the “Rabindranath Tagore Birth Centenary Medal” is a part of the celebration of the centenary by the Asiatic Society. He said that the Society had decided to celebrate the centenary by instituting a Birth Centenary Medal in the name of the great poet and by arranging for twelve lectures on the life and work of the poet by eminent scholars and literateurs. A Sub-Committee, he continued, was appointed for this purpose, and according to the recommendations of the Sub-Committee the Society, during the centenary year, decided to award five plaques to the following eminent personages:

1. Sri C. V. Raman
2. Mr. Bertrand Russell
3. Mr. Niels Bohr
4. Mr. Arnold J. Toynbee
5. Mr. Daisejz Suzuki

The announcement was received amidst acclamations.

(8) On the report of the scrutineers, the Chairman declared that the following candidates had been duly elected as members of the Society:—

- (20) Slocum, Manly Harvey, Constructor of Dams and Appurtenant Works, 504, East Pine Street, Alhambra, California, Cumberland 3-4853: Bhakra Dam, E. Punjab, India.

Proposed by : S. K. Saraswati.

Seconded by : A. C. Banerjee.

- (21) Quinlan, Johan Brian, Mercantile Assistant, Turner Morrison & Co., Private, Ltd., 25, Brabourne House, 6, Chowringhee Lane, Calcutta-16.

Proposed by : S. K. Saraswati.

Seconded by : Chitrabhanu Sen.

- (22) Misra, Vidya Niwas, M.A., Assistant professor of Sanskrit, University of Gorakhpur. Surat Sadan, Allahdadpur, Gorakhpur.

Proposed by : P. C. Gupta.

Seconded by : S. K. Saraswati.

- (23) Hyde, H. Montgomery, M.A. (Oxon), D. Litt. (Belfast), F.R.Hist. S., M.R.I.A., Professor and Head of Department of History, Punjab University, Lahore; Marl-pits Cottage, Nutley, Uckfield, Sussex, England.

Proposed by : K. M. Maitra.

Seconded by : Chitrabhanu Sen.

- (24) Chakravarty, Deb Kumar, M.A., Superintendent Archaeology, Government of West Bengal, 5/3H, Paikpara Raja Manindra Road, Calcutta-2.

Proposed by : Shyam Chand Mukherjee.

Seconded by : Satya Ranjan Banerjee.

- (25) Chowdhury, Nandita, B.A., 55B, Mahanirban Road, Calcutta-29.

Proposed by : Chitrabhanu Sen

Seconded by : K. M. Maitra.

- (26) Ray, Edith (Mrs.), Weave-Designer, 7, Nasiruddin Road, Calcutta-17.

Proposed by : D. M. Bose.

Seconded by : K. M. Maitra.

An Ordinary Monthly General Meeting of the Society was held on Monday, the 5th June, 1961, at 5-30 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.N.I., F.A.S.,
President (in the Chair)

Members

Banerjea, J. N.,	Haldar, Gopal,
Chakravarti, P.,	Khan, M. S.,
Chattopadhyay, K. P.,	Masud, S. M.,
Das Gupta, Kalyan Kumar,	Mukherji, S. C.,
Ganguly, J.,	Paladian, V.,
Ghose, Lakshman,	Samanta, Sailen,
Ghosh, N. C.,	Saraswati, S. K.,

Sen Gupta, B. K.

Before commencement of the meeting the Chairman made the following three announcements:

1. "Friends: I have to refer to the sad news of the demise of Sri Rathindranath Tagore, the eldest son of the poet Rabindranath, who passed away on 3rd June, 1961, at Dehra Dun. He was a Life Member of the Society since 1-1-45. He was the Vice-Chancellor of the Visva Bharati University for some time. He was a very gifted man and a contemporary of mine in age."

The Chairman then requested the members present to stand up in silence to pay homage to the memory of the deceased. The members stood in respectful silence, as requested.

The Chairman informed that an obituary notice, prepared by Professor K. P. Chattopadhyay, would be read in a subsequent Monthly General Meeting.

2. The Chairman then referred to the death of Major S. C. Dutt, a member of the Society since 1-7-40. He was a topranking eye specialist. He came to Calcutta from the Bombay University and rose to be a Resident Surgeon of the eye department of the Calcutta Medical College. He passed away on 12th May, 1961.

The Chairman then asked the members present to stand up in silence to pay homage to the memory of the deceased. The members stood up again, as requested.

At the invitation of the Chairman Rai Bahadur N. C. Ghosh read the obituary notice of the deceased.

3. The Chairman referred further to the sad death of Dr. P. K. Gode, the Curator of the Bhandarkar Oriental Research Institute, Poona, and a foremost Indologist of the present day, and again called on the members to stand up in silence to pay homage to the memory of the deceased. The members stood up, as requested.

(1) The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 1st May, 1961.

The General Secretary read the minutes which were duly confirmed.

(2) The Chairman announced that 59 books had been added to the Library in April, 1961, 54 by presentation and 5 by purchase, and invited the members present to inspect the books on the table after the meeting.

(3) The Chairman said that the names of the 6 new candidates for membership of the Society were printed in the agenda and appointed Sri Shyam Chand Mukherjee and Sri Sailendra Nath Samanta to act as scrutineers. While the scrutiny was going on, the Chairman proceeded with the other items on the agenda.

(4) The Chairman then enquired if any member wished to give notice of any motion under Rule 49(d).

There was none.

At this stage, Dr. Bratindranath Sen Gupta submitted suggestion for a favourable consideration of the members present today and by the Council of the Society. Dr. Sen Gupta said that the Library, as an experimental measure, used to be open for 8 hours on week days, i.e. from 11 a.m. to 7 p.m., but this practice was discontinued after some time. Dr. Sen Gupta proposed finally that as the readers in the library usually came for research work in the evenings, the Library hours should be extended by one hour in the evenings, i.e. the library should be kept open from 12 noon to 8 p.m.

Dr. Nagendra Narayan Chaudhuri supported the proposal.

The Chairman promised that he would place the proposal before the Council.

(5) The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(a) Deaths—2

1. Sri Rathindranath Tagore ...Life Member of the Society
since 1-1-45.
2. Major S. C. Dutta ... (Ord. Member since 1-7-40)

(b) Resignation—Nil.

(c) Lapse of election—1

(d) Papers —2

(1) "Some changes in Khasi Culture"
by Professor K. P. Chattopadhyaya.

(2) "Lo Shen Fu"— by Sri N. C. Sen

(e) Communication—Nil

(f) Exhibit—Nil.

The General Secretary further reported as follows:—

- (g) That the Council of the Asiatic Society had elected the Institute of Research of Indigenous System of Medicine, Jamnagar, as an Institutional Member of the Society.
- (h) That on the recommendation of the Selection Committee the Council had appointed Srimati Arati Mitra, M.A., as Sir William Jones Research Fellow for Sanskritic Studies, for one year in the first instance.
- (i) That the Council had appointed Dr. U. N. Ghoshal and Dr. Niharranjan Ray to serve on the Research Fellowship Board, respectively as an Ordinary Fellow and an Ordinary Member.

(6) The Chairman requested Professor K. P. Chattopadhyay to read and comment on his paper entitled "Some changes in Khasi Culture"

The members present heard with evident interest Dr. K. P. Chattopadhyay's speech and took an interest in examining the photographs which the speaker handed for circulation to the members.

After Professor Chattopadhyay had finished his speech, Dr. J. N. Banerjea and Dr. A. C. Ukil took part in a brief discussion that followed.

On behalf of himself and the members present the Chairman thanked Professor Chattopadhyay for his excellent paper.

Synopsis

The writer visited the Mawphlang village and State in 1940 and again in 1951. The changes that had occurred in 1940 as compared to culture traits recorded earlier by other observers, and the changes that had occurred in 1951 are set out and discussed in this paper.

The following traits have been studied—

- (a) Rights in land and house property earlier, in 1940 and in 1951, have been studied in detail.
- (b) Changes in funeral practices linked with *Khasi Kur* solidarity are noted.
- (c) Changes in some traits of food production are noted.
- (d) Kinship terms were collected in 1940 as also in 1951.

The Chairman then said that the other paper by Sri N. C. Sen on "Lo Shen Fu" might be taken as read in the author's absence.

Synopsis

"Lo Shen Fu" or The Song of the Goddess of the River Lo was composed by a famous Chinese poet Ts'ao Chih of third century A.D. This poem, written in irregular metres, is important for three reasons. First, this is one of the best compositions of Ts'ao Chih; secondly, the motive of the poet and the inner significance of this poem have been interpreted differently by different scholars; and thirdly, a famous artist of fifth century A.D. namely Ku K'al-Chih drew a scroll-painting based on this poem. So far as our information goes it has not yet been translated into English.

The poem begins with the narration of the return journey of the poet from the then capital of China-Lo Yang. The poet is tired and takes rest on the bank of the River Lo. From there the poet sees the Goddess and he is completely overwhelmed by the beauty of the Goddess. Then, at the request of his charioteer the poet describes the beauty of the Goddess, her actions, and the mutual expressions of love between the poet and the Goddess. Lastly, the poet narrates the tragic end with a melancholic tune for not being able to "become lovers in our prime of life" as "the Way of Men and the Way of Gods differ."

The original title of "Lo Shen Fu" was "Kan Chen Fu" (Feelings for lady Chen). It is said that Lady Chen and Ts'ao Chih—the poet loved each other. But she was given in marriage with his elder brother Ts'ao P'ei by their father Ts'ao Ts'ao—the famous general of Three Kingdoms period. Ts'ao P'ei founded the Wei Dynasty and Lady Chen became the Empress. It is said that after sometime a plot was made against her and she died. This news was communicated to Ts'ao Chih when he visited the Court. He was also presented with a pillow used by Lady Chen. Ts'ao Chih was very much distressed and while returning to the fief under him composed this poem on the bank of the River Lo.

The present title of this poem as "Lo Shen Fu" was chosen by Ts'ao Jui, a nephew of Ts'ao Chih. It has been argued by some scholars that in this the poet intended to signify the failure of his political career caused by Ts'ao P'ei's jealousy and ill-intention. Others argue that this poem has been composed on the model of "Shen Nu Fu" (The Song of the Goddess) composed by Sung Yu, a poet of third century B.C., and that it is nothing but a recasting of this *Fu*. I have taken this poem as a purely romantic piece."

(7) On the report of the scrutineers the Chairman announced the result of the ballot and said that all the candidates had been elected as Ordinary Members of the Society.

- (27) Maruyama, Tsugio, Controller of Accounts, The Indo-Asahi Glass Co., Ltd., 30, Chittaranjan Avenue, Cal.-12.

Proposed by : Kalidas Nag.

Seconded by : S. K. Saraswati.

- (28) Hendry, Robert David, Plant Manager, Gammon India Pvt. Ltd., Bombay, 405, Olympus, Altamount Road, Bombay-26.

Proposed by : Chintaharan Chakravarti.

Seconded by : Chitrabhanu Sen,

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- (29) Das, Dipak Ranjan, M.A., Duttaghat, P. O. Chinsura,
Dist. Hooghly.

Proposed by : Niharranjan Ray.

Seconded by : S. K. Saraswati.

- (30) Sinha, Brindaban Chandra, M.A., LL.B., Landlord and
Businessman, 59, Barrackpore Trunk Road, Calcutta-2.

Proposed by : S. K. Saraswati.

Seconded by : Chitrabhanu Sen.

- (31) Ghosh, Probhat Chandra, B.Sc., Auditor, Railway
Audit Department, C. I. T., Flat No. 24-D, Singhi
Bagan, Calcutta-7.

Proposed by : Pranab K. Bhattacharya.

Seconded by : K. M. Maitra.

- (32) Sen Gupta, Kali Kinkar, M.A., B.Sc., M.B.B.S., D.T.M.,
45/1B, Beadon Street, Calcutta-6.

Proposed by : K. M. Maitra.

Seconded by : J. N. Banerjea.

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An Ordinary Monthly General Meeting of the Asiatic Society
was held on Monday, the 3rd July, 1961, at 5-30 p.m.

Present:

Dr. A. C. Ukil, M.B., M.S.P.E., F.N.I., F.A.S.,
President (in the Chair)

Members

Banerjee, Hiranmay,	Khan, M. S.,
Banerjea, J. N.,	Maruyana, I.,
Bose, Sudhansu Kumar,	Mukherjea, Abani,
Chattopadhyay, Amal Kumar,	Mukherji, B. B.,
Ganguly, J.,	Poladiary, V.,
Ghosh, Tarak Das,	Saraswati, S. K.,
Gupta, P. C.,	Sen, Chitrabhanu,
Indra, H. N.,	Sen Gupta, J. C.,
Karmakar, Kali Charan,	Vedantatirtha, N.,
	Yusuf, K. M.

Visitor

Ghosh, A. N.

1. The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 5th June, 1961.

The General Secretary read the minutes which were duly confirmed.

2. The Chairman announced that 69 books had been added to the library in May, 1961, 36 by presentation and 33 by purchase, and said that they were exhibited on the table for inspection by members.

3. The Chairman said that three candidates had been put up for election as members of the Society and appointed Dr. M. S. Khan and Professor Sudhansu Kumar Bose to act as scrutineers. The Ballot papers were then distributed and while the scrutiny was going on the Chairman proceeded with the other items on the agenda.

4. The Chairman enquired if any member wished to give notice of motion under Rule 49(d).

There was none.

The General Secretary here made a reference to the suggestion of Dr. Bratindranath Sen Gupta at the last Monthly General Meeting about extension by one hour, in the evenings upto 8 p.m., in the working of the library. He informed the members that under the present circumstances it would not be possible to extend the Library hours, but in order to accommodate the members the Council had agreed to keep the Library open during the summer months from 1 p.m. to 8 p.m. This arrangement, he expected, would suit the members as it has been found that they usually prefer later hours.

(5) The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49 (g).

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The General Secretary reported as follows:—

- (a) Death—Nil.
- (b) Resignation—Nil.
- (c) Lapses of election—2.
- (d) Paper—1.

“On the interpretation of a Sutra in Hemacandra’s Prakrit Grammar” by Dr. S. N. Ghosal.

- (e) Communication—Nil.
- (f) Exhibit—Nil.

- (g) The General Secretary reported further that the Council had decided to change the working hours of the library, except on Saturdays, as follows:—

March to October	:	1 P. M.	to	8 P. M.
November to February	:	12 Noon	to	7 P. M.

6. The Chairman requested Dr. S. N. Ghosal to read his paper entitled ‘On the interpretation of a Sutra in Hemacandra’s Prakrit Grammar’.

After Dr. Ghosal had finished his discourse the Chairman thanked him for his learned paper, which he observed was a rather technical one.

Synopsis

In course of interpretation of Hemacandra’s rule *Syadau dirghahrasau* (Plt. gr. IV. 330) Pischel states that in Apabhramsa in the nominative sing. and other cases the final vowel of a noun may be long or short, i.e. the final short vowel may be lengthened and the long vowel may be shortened. Now Alsdorf finds fault with this interpretation of Pischel, as according to him there is no scope for this kind of lengthening or shortening of inflected words in the speech. Alsdorf further advocates that Hemacandra too did not mean this and what Pischel states is an outcome of his wrong understanding.

Now it is interesting to note that Alsdorf becomes subject to contradiction—as he admits that in Ap. (of both the Digambaras and the Svetāmbaras) the poly-syllabic words, when inflected, usually end in a short vowel. It is in other words accepting that in Ap. the final long vowel of inflected words can be shortened. Alsdorf thus supports Pischel partially i.e. in one aspect of the statement. But in the other aspect too Pischel is correct, since the final short vowel of the words is very often found to be combined with the remnant vowel *a* of the pleonastic Ka suffix—a fact which invariably attributes to a word the appearance of the lengthening of the final short vowel. Pischel, who is more concerned with the product and not processes of phonetic change, considers it to be the same as the lengthening of short vowels, stated by Hemacandra. So he is justified in his interpretation of the Sutra and he correctly represents the view of Hemacandra.

7. On the report of the scrutineers the Chairman announced the result of the ballot and said that all the candidates had been elected unanimously as Ordinary Members of the Society.

- (33) De, Jay Krishna, B.Sc., Mechanical Engineer, Kanailal Avenue, Chandernagore.

Proposed by : M. S. Khan.

Seconded by : S. K. Saraswati.

- (34) Abdullah, Mohammed, M.A., Assistant Maulavi, Calcutta Madrassa, 18/A, Temple Street, Calcutta-13.

Proposed by : M. S. Khan.

Seconded by : S. K. Saraswati.

- (35) Reid-Dick, John Francis, B.A., Minerals Dept., Bird & Co., 22, Lansdowne Court, Lansdowne Road, Calcutta.

Proposed by : S. K. Saraswati.

Seconded by : Sukumar Roy.

Before declaring the meeting closed the Chairman reminded members of the interesting lecture on July 6, 1961, by Dr. Hiranmoy Banerjee, I. C. S., Development Commissioner, Government of West Bengal, on 'Community Development Programme' followed by an illustrative film, and hoped that they would all attend.

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An Ordinary Monthly General Meeting of the Society was held on Monday, the 7th August, 1961, at 5-30 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.,
President...(in the Chair)

Members

Banerjea, J. N.,	Ghoshal, U. N.,
Biswas, H. K.,	Masud, S. M.,
Chatterji, Suniti Kumar,	Mukherjea, Abani,
Chattopadhyay, Amal Kumar,	Mukerji, B. B.,
Chattopadhyaya, Braja Dulal,	Mukherji, S. C.,
Chakravarti, S. C.,	Saha, M. P.,
Chakravarti, P.,	Saraswati, S. K.,
Chakravarty, D. K.,	Sen, Chitrabhanu,
Ganguly, J.,	Vedantatirtha, N. C.,
Ghosh, Tarok Das,	Yusuf, N. N.

Visitors

	Bhattacharjee, Kalipada,
Banerji, N. N.,	Ghosh, A. N.,
Basu, Subandhu,	Neogi, H. C.,

Before commencement of the meeting the Chairman referred to the untimely death of Shri Anandi Lall Poddar, an Ordinary Member of the Society since 1-1-45. He requested the General Secretary to send a condolence message to Shri B. P. Poddar, brother of the deceased, and to write to Shri K. P. Khaitan for an obituary notice of the deceased.

The Chairman then requested the members present to stand up in silence to pay homage to the deceased, and the members stood up in respectful silence for two minutes.

1. The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 3-7-61.

The General Secretary read the minutes which were duly confirmed.

2. The Chairman announced that 114 books had been added to the library in June, 1961, 74 by presentation and 40 by purchase, and said that they were exhibited on the table for inspection by members.

3. The Chairman said that five candidates had been put up for election as Ordinary members of the Society and appointed Sri S. C. Chakravarti and Mr. S. M. Masud to act as scrutineers. The ballot papers were then distributed and while the scrutiny was going on the Chairman proceeded with the other items on the agenda.

4. The Chairman enquired if any member wished to give notice of any motion under Rule 49(d).

There was none.

5. The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(a) Death—1.

Sri Anandi Lall Poddar, M.L.A. (Ord. Member since 1-1-45).

(b) Resignation—Nil.

(c) Lapse of election—Nil.

(d) Papers—3.

(i) "The Khatiyas of the Nasik Inscription"
by Sri Haran Chandra Neogi.

(ii) "The Literary place of Sir William Jones"
by Dr. Garland Cannon.

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- (iii) "Jambhala—mandalas in Sculpture".
by Srimati Debala Mitra.

(e) Communication—Nil.

(f) Exhibit—Nil.

6. (i) The Chairman invited Sri Haran Chandra Neogi to read his paper.

Sri Neogi then read his paper which was appreciated by the members present.

In the discussion that followed Dr. J. N. Banerjea said he was pleased to note the way in which the author had dealt with the identification of the Khatriyas with the Yaudheyas. The Yaudheyas, he said, were the devotees of the war god and their traditions are recorded in the *Mahabharata*. Dr. U. N. Ghoshal also joined in the discussion and wanted to know the date of the relevant inscriptions and Dr. Banerjea gave the necessary information.

Synopsis

The 'Khatriyas' and the 'Khatriyas' mentioned respectively in the Nasik inscription of Gautamī Balaśrī and that of Ushabhadāta have not been definitely identified by the previous scholars. In this paper it has been suggested that they were the Yaudheyas who were pushing southward and came into conflict with the Sātavāhana king, Gautamiputra Sātakarni, and the Western Kshatrapa rulers.

- (ii) As Dr. Garland Cannon was not present to read and comment on his paper, the Chairman said it might be taken as read.

Synopsis

In course of a survey of the literary works of Sir William Jones, the author gives an estimate of the influence of this

great scholar on his contemporaries and assesses his place in the field of literature.

(iii) In the absence of Srimati Debala Mitra the Chairman requested Sri S. K. Saraswati to say a few words on her paper "Jambhala-mandalas in Sculpture".

Sri Saraswati said: 'The paper was based on an interesting discovery by Srimati Mitra in the course of her excavations at Ratnagiri in Orissa. The newly discovered image has the names of the *Mandalas* inscribed on the back and compared this image with two others discovered sometime back at Nālandā. These sculptures throw interesting light on the iconography of Jambhala, the literary corroboration of which however, is not to be found in the *Sādhana-mālā* and the *Nishpanna-yogavali*, the two texts on which Dr. Benoy Nath Bhattacharya based his study of the Indian Buddhist Iconography.' Sri Saraswati continued: 'The study of Buddhist images is not expected to be complete and exhaustive without a reference to the ritual texts available only in manuscripts of which the Asiatic Society has a good collection'. He cited a single instance with regard to the goddess Vasudhārā available usually in a six-handed form not included in the *Sadhanamala* and the *Nishpanna-yogavali*. The description of this form of the goddess is to be found in different texts on the rituals of the worship of the goddess available in manuscripts in this library. According to the descriptions of these texts the goddess Vasudhara had been conceived not only as the goddess of wealth, but also as the goddess of learning and it is in this composite conception that she was worshipped by the Buddhist votaries.

* This information was so good that Dr. Banerjea suggested that Sri Saraswati should write a paper on the iconography of this goddess with particular re-

ference to these manuscripts and read it at a subsequent meeting. Both the Chairman and Dr. U. N. Ghoshal approved this proposal.

Synopsis

In this paper, in connection with a study of an image of Jambhala discovered in the excavations at Ratnagiri (Orissa), is described the *mandala* of the god on the basis of one inscribed on the reverse. Mention has also been made of two other images from Nalanda, which may represent in each case the god with his *mandala*.

7. On the report of the scrutineers the Chairman announced the result of the ballot and said that all the candidates had been elected unanimously as Ordinary Members of the Society.

- (36) Acharya, Santi, M.A., Lecturer, Brahmananda Keshab Chandra College, 172/35, Lower Circular Road, Calcutta-14.

Proposed by : Chitrabhanu Sen.

Seconded by : Chintaharan Chakravarti.

- (37) Hottenroth, Dr. Kurt, DIP. CHEM. & D. PHIL., 8/13, Alipore Road, Calcutta-27.

Proposed by : J. N. Banerjea.

Seconded by : S. K. Saraswati.

- (38) Bhose, Sudhir Kumar, M.SC., LL.B., Advocate, High Court, 24A, Ray Bagan Street, Calcutta-6.

Proposed by : K. P. Chattopadhyaya.

Seconded by : S. K. Saraswati.

- (39) Jaggarow, A. V. N., B. COM., Sales Executive, Standard Vacuum Oil Company, 6, Church Lane, Calcutta.

Proposed by : S. K. Saraswati.

Seconded by : Sukumar Roy.

- (40) Mukerjee, Dr. Sandhya, M.A., PH.D., Assistant Professor, Gorakhpur University, Gorakhpur.

Proposed by : Sanjukta Gupta.

Seconded by : S. K. Saraswati.

An Ordinary Monthly General Meeting of the Society was held on Monday, the 4th September 1961, at 5-30 p.m.

Present :

Dr. S. K. Chatterji, M.A., D. LITT. (LOND.), F.A.S., M.L.C.,
President (in the Chair)

Members :

Bhattacharyya, Gauri Sankar,	Mukerji, B. B.,
Chaudhuri, J. B.,	Samanta, Sailen,
Das Gupta, Kalyan K.,	Saraswati, S. K.,
Maitra, K. M.,	Sen, Chitrabhanu,
Mookerjee, Ranu,	Siddique, Fazil Qutbuddin,
Mukherjee, Abani,	Vedantatirtha, N. C.

In the absence of the President, and the Vice-Presidents, the members present elected Dr. S. K. Chatterji to occupy the Chair, under Rule 47(b).

The Chairman opened the meeting with an expression of sorrow over the passing away of Mr. Anandi Lall Poddar (reported in the last meeting). Sri K. P. Khaitan read the obituary notice which was read and recorded.

1. The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 7-8-61.

The General Secretary read the minutes which were duly confirmed.

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2. The General Secretary announced that 39 books had been added to the library in July, 19 by presentation and 20 by purchase, and that they are exhibited on the table for inspection by members.

3. The General Secretary read the names of the candidates for election as members of the Society and Sailendra Nath Samanta and Sri Chitrabhanu Sen were appointed to act as scrutineers. The ballot papers were then distributed and while the scrutiny was going on the Chairman proceeded with the other items on the agenda.

4. The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

5. The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(1) Death—Nil.

(2) Resignations—2.

Sm. Hira Kumari Debi ... (Ord. Member since 5-11-51)

Sm. Namita Gupta ... (Ord. Member since 3-8-50)

(3) Lapse of election—Nil.

(4) Papers—4.

(i) 'Brahui Demonstrative Pronouns'

by M. B. Emeneau.

(ii) 'A note on the Visvamisra type of coins of the Audumbaras'

by Sri Kalyan Kumar Das Gupta.

(iii) 'The Endoskeleton of Wallago Attu (BL. & SCHN)
Part II'

by Dr. B. M. Sinha.

(iv) 'Common Indian Fishing Gear Preservatives—
A General Account'

by Sri G. K. Kiriyan and Sri Gopalan Nayar.

(5) Communication—Nil.

(6) Exhibit—Nil.

(7) The General Secretary said: I have further to report the change in the Regulation with regard to the Research Fellows.

The Council has recommended the following amendments to the Regulation for the guidance of Research Fellows of the Society (Regulation X):—

Clause	Existing Regulation:	Clause	Proposed Amendments:
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2(b) The record of work of the Research Fellows in the Library of the Society will be kept by the Supervisor-Scholar with the help of the Librarian.

2(b) The Librarian of the Society will be in charge of the attendance of the Research Fellows and will collect reports, to be submitted by them in writing, at the end of every six months as specified in Reg. X, Clause 5.

(7) Research Fellowship will be tenable for one year in the first instance but may be renewed up to a maximum limit of 3 years at the discretion of the Council.

(7) Research Fellowships will be tenable for one year in the first instance but may be renewed, one year at a time, up to a maximum limit of 3 years at the discretion of the Council, *provided that in very exceptional circumstances the Council will have the power to extend the term by another year.*

Add Clause 12:

Leave Rules and holidays shall be the same as applicable to Society's staff under Regulation VI.

The working hours of the Research Fellows shall be from 1 p.m. to 6 p.m. from Mondays to Fridays.

- (6) (i) With reference to the papers mentioned above the Chairman informed that it would not be possible for Mr. Emeneau to be present here to-night to read his paper entitled 'Brahui Demonstrative Pronouns' and might be taken as read.

In a reminiscent mood the Chairman recalled his pleasant associations with Mr. Emeneau, Professor of Indo-Aryan languages in the University of California. He knew Mr. Emeneau since 1937 and he especially remembered one of the conferences at Mysore at which Dr. F. W. Thomas presided and Mr. Emeneau was also there. The Chairman informed that Mr. Emeneau was now busy bringing out a comparative grammar of the Dravidian languages.

At this point Sir L. P. Misra enquired when he could expect to see this article in the Journal of the Society and the General Secretary replied that the article under reference would appear probably in 1962.

Synopsis

The paper discussing certain aspects of Brahui morphology, is a contribution to the comparative linguistics of Dravidian.

- (ii) The Chairman next requested Sri Kalyan Kumar Das Gupta to read his paper on 'A note on the Visvamitra type of coins of the Audumbaras'.

Sri Das Gupta read his paper which was based on certain statements in the Puranas. The members were interested to hear the various passages from the Puranas, which the author quoted extensively, especially in connection with the story about the birth of Visvamitra found in the Kalikapurana. The stories seemed to have been composed between the 7th and 10th centuries A.D.

After the author had finished his speech a discussion took place in which Dr. D. C. Sarkar and Dr. S. K. Chatterji took part. Dr. Chatterji commented on the importance of the paper and reminded that one cannot ignore the ancient Puranas in such studies.

Synopsis

One of the ancient peoples of North India, the Audumbaras, issued coins in copper and silver. Among their coins, found at Pathankot, Jwalamukhi and Irippal in the Punjab, mention may be made of two rare silver coins. Each of these two coins bears a bearded male figure on the obverse with a legend which refers to Visvamitra, i.e. Visvamitra. On the basis of these coins it may be presumed that Visvamitra was intimately connected with the tribe.

Allan failing to notice any connection between Visvamitra and the Audumbaras, known from other sources, remarked that "Visvamitra's connexion with the Audumbaras is otherwise unknown."

In this paper the writer attempts to establish a connection between the sage and the tribe on the basis of a story about the birth of Visvamitra found in the Kalikapurana. The story refers to an association of Visvamitra's

birth with the *audumbara* tree and the story seems to have been based on an old tradition.

The tradition regarding Visvamitra's connection with Kusika, as noticed in ancient literary texts, can be traced to the days of the Rgveda. This tradition is particularly useful in establishing further the relation between Visvamitra and the Audumbaras, as the Audumbaras themselves have been described as belonging to the family of Kusika in the Puranas, such as the Vayu and the Brahmanda.

- (iii) & (iv) As the authors of the next two papers, viz: (iii) 'The Endoskeleton of Wallago Attu (BL. & SCHN) Part II' by Dr. B. M. Sinha, and (iv) 'Common Indian Fishing Gear Preservatives—a general Account' by Sri G. K. Kuriyan and Sri Gopalan Nayar, were not present to read their papers the Chairman said that these might be taken as read and would appear in the Journal of the Society in due course.

Synopsis

The vertebral column, median fins and appendicular skeleton of the fish have been described in necessary details.

The first five vertebrae are fused into the complex vertebra. The parapophyses of fourth vertebra are stout and their anterior divisions encircle the air bladder. The neural and haemal arches in the last caudal vertebra are missing. The haemal spines of the last but one and one preceding vertebrae are modified as hypourals.

The dorsal fin consists of six rays. Its radials are fused to the extent that their mesial and distal segments cannot be made out. The anal fin consists of 83-91 rays, borne on the first 51 caudal vertebrae. The caudal fin contains seventeen rays, 8 in the dorsal lobe and 9 in the ventral.

The endochondral part of the pectoral girdle is reduced and comprises of the scapulae, coracoids and mesocoracoids. The investing part is stout and is formed of the cleithra and posttemporals. The pectoral fin consists of the cleithra and posttemporals. The pectoral fin consists of a spine and 12 rays. The spine is better developed and more indented in males than in females. Its prominent head articulates in the depression of cleithrum and the other with articular surface provided by the scapula, coracoid and mesocoracoid.

The pelvic girdle is ossified by two pelvic bones, each produced in front into three unequal processes. The pelvic fin comprises of 9-10 rays and it articulates directly with the pelvic bone.

7. On the report of the scrutineers the Chairman announced the result of the ballot and said that all the candidates have been elected unanimously as Ordinary Members of the Society and declared the meeting closed.

- (41) Biswas, Dilip Kumar, M.A., B.T., B.L., Lecturer, Kharagpur College, Kharagpur, "Chandralaya", P.O. Kharagpur, Dr. Midnapur.

Proposed by : S. K. Saraswati.

Seconded by : J. N. Banerjia.

- (42) Khan, Abdus Subhan, M.A., Lecturer in Persian, Maulana Azad College, Calcutta, 25, Bright Street, P.O. Circus, Calcutta.

Proposed by : K. M. Maitra.

Seconded by : S. K. Saraswati.

- (43) Chakravarti, Sabyasachee, M.Sc., Lecturer in Mathematics, Victoria College, Cooch Behar.

Proposed by : S. C. Chakravarti.

Seconded by : S. K. Saraswati.

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An Ordinary Monthly General Meeting of the Society was held on Monday, the 6th November, 1961, at 5-15 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.N.I., F.A.S.,
President (in the Chair)

Members :

Banerji, S.M.,	Mukerji, B. B.,
Bose, Sudhansu Kumar,	Saraswati, S. K.
Chakravarti P.,	Shome, M. L.,
Das Ghosh, Tarok	Siddiqui, Qutbuddin,
Ghose, R. C.,	Sen Gupta J. C.,
Griffiths, Walter G.,	Sen Gupta, K. K.,
	Khan, M.S.

The Chairman said:

"Fellow Members, I would like, at the outset, to draw your attention to the tragic death of Dr. B. S. Guha on the 19th October, 1961, in a train accident near Ranchi. The Society deeply mourns his death and is the poorer by his loss as he had been an active member of this Society since 1925. He was an Ordinary Fellow, Life Member and a former General Secretary of the Asiatic Society. I would request the General Secretary to arrange an obituary of the deceased and to send a condolence message to the bereaved members of his family.

At the request of the Chairman the members present stood up in respectful silence as requested.

2. The Chairman requested the General Secretary to announce the receipt of books presented to and purchased by the Society in August and September, 1961.

The General Secretary said that 158 books had been added to the Library in those months and that they were exhibited on the table for inspection by members.

3. The Chairman asked the General Secretary to report about the candidates for membership of the Society.

The General Secretary said that the names of the candidates printed in the notice had been elected as members of the Society by the Council at their meeting held on 25th September, 1961, under Rule 7.

- (44) Chattopadhyay, Siddheswar, M.A., Kavyatirtha, Senior Lecturer in Sanskrit, University of Burdwan; 270, D. H. Road, c/o Jyotish Asram, Behala, Calcutta-34.

Proposed by : Sisir Kumar Mitra.

Seconded by : Kalyan Kumar Dasgupta.

- (45) Chatterjee, Nirmal Nath, M.Sc., F.G.M.S., Professor and Head of the Department of Geology, Calcutta University; 73-A, Harish Mukherji Road, Calcutta-25.

Proposed by : S. K. Saraswati.

Seconded by : J. N. Banerjee.

- (46) Pattanayak, Debi Prasanna, M.A., Ph.D. (Cornell, U.S.A.) Head of the Department of Oriya, Visva-Bharati; Santiniketan, W. Bengal.

Proposed by : Biswanath Banerjee.

Seconded by : Chitrabhanu Sen.

- (47) Chowdhury, Fazlul Ali, M.A., LL.B., Advocate, Calcutta High Court; 26 Ratu Sarkar Lane, Calcutta-1.

Proposed by : Syed Muhammad Masud.

Seconded by : Md. Aminul Islam.

4. The General Secretary reported, under Clause 6 of Regulation (IV) regarding the election of Honorary Fellows, that the

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name of Dr. Suniti Kumar Chatterji, M.A., D.LIT. (LONDON), Padma-bhushana, had been unanimously proposed by the Council for election as an Honorary Fellow of the Society for being ballotted under Clauses 6 and 7 of the said Regulation.

Dr. Chatterji, a scholar of international eminence needs no introduction. Below is given a brief record of his career and distinction.

1. Khaira Professor of Indian Linguistics and Phonetics, University of Calcutta, 1922-51.
2. Chairman, Government of India Sanskrit Commission, 1956-57.
3. Member of the Official Language Commission.
4. Member, Sahitya Academy.
5. General President, All-India Oriental Conference.
6. *Publications* :
 - (a) Origin and Development of the Bengali Language, 2 vols. 1926.
 - (b) A Bengali Phonetic Reader, 1927.
 - (c) Jati Sahitya o Samskriti, 1938.
 - (d) Indo-Aryan and Hindi, 1941.
 - (e) Bharat Samskriti, 1945.
 - (f) Dvipamaya Bharata.
 - (g) Bharater Bhasha o Bhasha-Samasya, 1945.
 - (h) Vaidesiki, 1947.
 - (i) Languages and Linguistic Problem, 1951.
 - (j) Kirata-Jana-Kriti, 1951.
 - (k) Assam and India.
 - (l) Africanism, 1959.

And others, besides numerous articles in Indian and foreign Journals.

After this the Chairman appointed Dr. W. G. Griffiths and Dr. M. Saber Khan to act as scrutineers and explained the method of voting to the members. The ballot papers were then distributed and while the scrutiny was going on, the Chairman proceeded with the other items on the agenda.

5. The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

6. The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

The General Secretary reported as follows:—

(a) Death—1.
Dr. B. S. Guha ... (Ord. Member since 4-2-25)
also Ordinary Fellow, Life
Member and a former General
Secretary of the Asiatic Society.

(b) Resignation—Nil.

(c) Lapse of election—Nil.

(d) Papers—2.

(1) 'Contributions towards a critical edition of the Ganapatha' by Sri S. Sen Gupta.

(2) 'Notes on Konark' by Srimati Debala Mitra.

(e) Communication—Nil.

(f) Exhibit—Nil.

7. (i) With regard to the first paper 'Contributions towards a critical edition of the Ganapatha' by Sri S. Sen Gupta, the Chairman said that this might be taken as read in the absence of the author. A summary of this paper is given below:

Synopsis

Every system of grammar of the Sanskrit language consists of the *Sutrapatham* the *Dhatupatha* and the *Pratipadika Patha* or the *Ganapatha*. The oldest versions extant of the Ganapatha are those reproduced in the *Chandra Vṛtti* and the *Kasika*. The *Ganapathas* of the *Kasika* has certainly undergone much modifications, as may be

readily seen on a comparison of the *Ganapāthas* of the Chandra and the Jainendra Schools, the authors of which are the nearest contemporaries of the authors of the *Kasika*. The only critical work dealing with the *ganas* is Vardhamana's *Ganaratnamahodadhi*, but this work has been out of print for more than 50 years.

There is no critical edition of the *Ganapatha*. Dr. Eggeling prepared a Chandra-Panini-Vardhamana concordance. In the present paper an attempt has been made to prepare a critical apparatus of the *Ganapatha* based on a Kasika-Chandra-Bhoja-Vardhamana concordance with additional reference to Hema's *Brhadvytti*, *Mugdhabodha* commentaries, Sakatayana's *Vyakarana* and other authorities. Notes have also been given on some of the more important controversial matters and variants.

- (ii) Concerning the second paper 'Notes on Konark' by Sm. Debala Mitra, the Chairman requested Sri S. K. Saraswati to read it on behalf of Sm. Debala Mitra.

Sri S. K. Saraswati gave in short a synopsis of the paper with particular emphasis on the essential points, and interesting information contained in it.

A summary of the paper is given below:

Synopsis :

The paper consists of three notes on Konark. The first deals with a probable reconstruction of the damaged *Rahas* of the Jagamohana of the temple with the help of the drawings of the temple, published in the *Asiatic Researches* XV (1825), and Fergusson's *Picturesque Illustrations of Indian Architecture in Hindostan* (1848), supplemented further by a few fragments still lying at the site. The second describes in detail the ruins of a brick temple of Ananta-Vasudeva exposed during the clearance opera-

tions in the temple enclosure. The third is an examination of a *Madla Panji* statement regarding the construction of a temple at Konark at an earlier period by Purandara Kesari of the Kesari dynasty.

8. On the report of the scrutineers the Chairman announced that Dr. S. K. Chatterji was unanimously elected as an Honorary Fellow of the Society. He then thanked the scrutineers for kindly doing the work of scrutiny.

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An Ordinary Monthly General Meeting of the Society was held on Monday, the 4th December, 1961, at 5.15 p.m.

Present :

Dr. A. C. Ukil, M.B., M.S.P.E., F.S.M.F.B., F.N.I., F.A.S.,
President (in the Chair)

Members

Banerjea, J. N.,
Banerji, P.,
Bose, N. K.,
Chakravarti, C.,
Khan, A. Subhan,

Masud, S. M.,
Mukerji, B. B.,
Mukherji, K. C.,
Saraswati, S. K.,
Sen, Chitrabhanu,

At the outset the Chairman said:

"Gentlemen: Today I have to report two deaths, including that of Dr. B. S. Guha which was reported in the last Monthly Meeting.

Since then we have received news of the death of Mr. M. H. Slocum, a member of the Asiatic Society. His name will be remembered in India in connection with the Bhakra Nangal Irrigation and Power Project. He was a great worker and engineer, and the Society awarded to him the Durga Prasad Khaitan Memorial Medal for 1958 for his outstanding contributions to dam engineering.

We condole the deaths of these distinguished members of the Society. May I request the members present to stand up in silence to pay our respects to the deceased".

The members stood up in respectful silence as requested.

(NOTE:—The Chairman then requested Professor N. K. Bose to read the obituary note on Dr. B. S. Guha. Professor Bose read the obituary.

The Chairman next requested Sri S. K. Saraswati to read the obituary note on Mr. M. H. Slocum. Sri Saraswati read the obituary.

The Chairman finally informed the members that the obituaries will be published in the Year Book of the Society).

1. The Chairman requested the General Secretary to read the minutes of the Ordinary Monthly General Meeting held on 6.11.61.

The General Secretary read the minutes which were duly confirmed.

2. The General Secretary announced that 66 books had been added to the library in October, 60 by presentation and 6 by purchase, and that they were exhibited on the table for inspection by members.

3. The Chairman requested the General Secretary to read the names of the candidates for election as members of the Society and appointed Messrs. A. Subhan Khan and S. M. Masud to act as scrutineers. The ballot papers were then distributed and while the scrutiny was going on the Chairman proceeded with the other items on the agenda.

4. The Chairman enquired if any member wished to give notice of any motion, under Rule 49(d).

There was none.

5. The Chairman requested the General Secretary to make the reports and communications from the Council, under Rule 49(g).

(a) Deaths—2.

(i) Dr. B. S. Guha ... (Ord. member since 4.2.25)

(ii) Mr. M. H. Slocum ... (Ord. member since 3.4.61)

(b) Resignation—Nil.

(c) Lapse of election—Nil.

(d) Paper—Nil.

(e) Communication—Nil.

(f) Exhibit—1.

“The newly acquired Mss. of the Bhagavata Purana”—
by Professor Chintaharan Chakravarti.

(g) The General Secretary reported further—

That on the recommendation of the Selection Committee the Council of the Asiatic Society appointed Shri Dipak Sen, M.A., as Publication Supervisor, on a part time basis, on a fixed salary of Rs. 200 = 00 nP. (consolidated) per month for six months for the present.

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6. The Chairman requested Professor Chintaharan Chakravarti to exhibit "A newly acquired manuscript of the Bhagavata Purana, with Sridhara's commentary.

Professor Chintaharan Chakravarti exhibited the said manuscript to the President and members and said:

"Complete Mss. of Big works like the *BHAGAVATA-PURANA* are comparatively rare. Old and dated Mss. are rarer still. And we are fortunate in having here a more or less complete dated Ms. of the *Bhagavatapurana*, a work held in high esteem sections of which are very popular. The Ms. which is in old Bengali script is interesting from more points than one. The manuscript which is complete but for portions of Books II and III appears to be based on an old copy of which parts were restored later on. The restorations of portions of the leaves of a section of Book I contains interesting specimen of lamination work done in olden times. It bears two dates at the end. The scribe of the original Ms. records the date in a verse at the end of the Ms., thus:

"Yadu saluting Ginsh wrote the Ms. of Srimat Purisvamin of the entire Bhagavata with commentary on Sunday, on the fifth day of the bright fortnight of Caitra of 1768 Saka era. This is (due to) the grace of the lotus-feet of the Supreme Being."

The accuracy of the date is challenged in a later hand.

The ignorant scribe who saw the Ms. of Govinda Puri recorded the date of the Ms. which was wrong. (The correct date is 1500 Saka Era). The script, partially at least, is older than the 18th.

A preliminary examination seems to reveal that the Ms. contains at least in parts a version different from the popular one. The last verse of Book I (which is verse No. 50 in the popular version and No. 27 in the present Ms.) is followed by a different reading of the verse and a note

that it is the final verse according to Citsukha. The commentary of this portion ends with a note which seems to indicate that this is in accordance with the view of Paramananda.

The name of the original owner appears to be one Narayana Sarasvatisvamin as recorded at the end of the Ms. in a hand later than that of the scribe. The name also occurs on the obverse of the last leaf of Book I. According to the scribe however the owner seems to have been one Purisvamin or Gobinda Purisvamin according to the scribe of the note already referred to. There are interesting records of the borrowings of portions of the Ms. The obverse of a leaf inserted at some later date as a supplement (Krodapatra) to Fo. 20 bears a note by a borrower, one Vaidyanatha Devasarma stating that he borrowed Books VI, VII, VIII, IX and XII on Vaisakha 23, but curiously he did not mention the year of borrowing. On the obverse of the last leaf of the list of contents given at the end of the Ms. it is recorded that Book VIII (40 Fol.) and Book XII (30 Fol.) which were taken by Sri Parasurama Sarman are returned. Thus portions of the Ms. were borrowed more than once. It seems Book I which was the most important was not lent out and Book II which is missing in its original form in the present Ms. from the time when the list of contents was prepared in which the portion meant for the Book is left blank was not available even at the times of borrowing. It may be mentioned in this connection that the list does not refer to the contents of Book III as well which is also not available in the Ms. in its original form.

This was an unique exhibit and a discussion then followed in which Dr. A. C. Ukil, Dr. J. N. Banerjea, Professor N. K. Bose and Mr. Guzeboy took part and asked and received answers to questions. A question by Mr. Guzeboy that the manuscript might have been a faked copy was dispelled by Professor Chakravarti and he proved that the Ms. in question was genuine.

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On behalf of the members present and of himself the Chairman thanked Professor Chakravarti for his interesting discussion on this rare Ms., and the trouble and interest he took in securing it for the Society. "The result of his further examination of the Ms. is eagerly awaited", he concluded.

7. On the report of the scrutineers the Chairman announced the result of the ballot and said that all the candidates mentioned in the printed notice have been duly elected as members of the Society.

- (48) Bhattacharyya, Asit Kumar, M.A., 18/1, Barrackpore Trunk Road, P.O. Belghoria.

Proposed by : Nirmal Kumar Bose.

Seconded by : S. K. Saraswati.

- (49) Barman, Ghumendra, M.Sc., P.O. & Vill. Salkocha, Dist. Goalpara, Assam.

Proposed by : S. K. Saraswati.

Seconded by : K. M. Moitra.

- (50) De, Barun, B.A. (CAL.), M.A., (OXON.), D. PHIL. (OXON.), University Teacher, 55/2, Ballygunge Circular Road, Calcutta-19.

Proposed by : Narendra Krishna Sinha.

Seconded by : P. C. Gupta.

- (51) Mukherjee, Amitabha, M.A. (CAL), A.M. (PENNSYLVANIA), Lecturer in History, Jadavpur University, 269, Kalighat Road, Calcutta-26.

Proposed by : Narendra Krishna Sinha.

Seconded by : P. C. Gupta.

- (52) Biswas, Souren, M.Sc. (HONS.), 8/2, Burdwan Road, Alipore, Calcutta.

Proposed by : K. Biswas.

Seconded by : S. K. Saraswati.

- (53) Chouridule, Premanand B., M.A., Lecturer in Geography,
Old Gondia, Gondia (Maharashtra).

Proposed by : S. K. Saraswati.

Seconded by : K. M. Moitra.

- (54) Gangoly, Aryya Nath, B.L., and Librarianship Diploma,
2, Ashutosh Mukherjee Road, Calcutta-20.

Proposed by : O. C. Gangoly.

Seconded by : J. N. Banerjea.

The Chairman then declared the meeting closed.

Prizes and Medals

Barclay Memorial Medal

The Medal named after Surgeon-Major Arthur Barclay—a member of the Society from 1882 till his death in 1891, is ordinarily awarded each alternate year to a person who has made conspicuously important contributions to Medical or Biological Science with special reference to India.

The Medal for 1961 was jointly awarded to Professor J. L. Bhaduri and Dr. Kalipada Biswas for their contribution to Biological Science in India.

Sir Jadunath Sarker Gold Medal

In 1947, Dr. Bimala Churn Law, made over to the Society 3% G. P. Notes to the face value of Rs 8,000/- for the creation of an endowment for the biennial award of a Gold Medal named after Sir Jadunath, an eminent historian—an Honorary Fellow of the Society, a former Vice-Chancellor of the University of Calcutta (1926-1928), to a person who has made conspicuous-ly important contributions to any of the following subjects:

History, Art, Religion, Archæology, Literature.

The medal for 1961 was awarded to Dr. Surendranath Sen for his conspicuously important contribution to the history of India from the 13th century to A.D. 1803.

Dr. Bimela Churn Law Gold Medal

In 1943, Dr. B. C. Law, a member of the Council and a Fellow, made over to the Society 3½% G.P. Notes of the face value of Rs. 8,000/- for the creation of an endowment for the annual award of a Gold Medal to be named after him. The medal is to be awarded to a person who is considered to have made conspicuously important contributions to any of the following subjects:

History, Geography, Philosophy, Religion, Ethnology, Folk-lore, Fine Arts and Architecture with special reference to India from earliest times down to the 13th century A.D. and Bengali Language, Literature and Philology.

The Medal for 1961 was awarded to Dr. J. N. Banerjea for his conspicuously important contributions to the study of Indian history, religion etc. from the earliest times to A.D. 1206.

Sarat Chandra Roy Memorial Medal

In 1943, Mrs. Roy, wife of the late Rai Bahadur Sarat Chandra Roy, donated a sum of Rs. 4,000/- in cash to the Society for the creation of an award of a Gold Medal to perpetuate the memory of her husband, who was an Associate Member from 1929 to 1942. In accordance with the terms of the endowment the Medal is to be awarded to a person who is considered to have written the most outstanding book or Monograph on any aspect of the Cultural Anthropology of India in English language, failing that in Bengali.

The medal for 1961 was awarded to Dr. F. G. Bailey for his outstanding contributions to the cultural anthropology of India.

ALPHABETICAL LIST OF ORDINARY MEMBERS, 1961

(L) Indicates Life Member. *Indicates Fellow.

- Abdullah**, MOHAMMED, M.A., Assistant Maulavi, Calcutta Madrassa, 18/A, Temple Street, Calcutta-13.
- Acharya**, SANTI, M.A., Lecturer, Brahmananda Keshab Chandra College, 172/35, Lower Circular Road, Calcutta-14.
- Bhattacharyya**, ASIT KUMAR, M.A., 18/1, Barrackpore Trunk Road, P. O. Belghoria.
- Bhattacharya**, HARENDRA KUMAR, B.SC., B.T., 5/16, Dum Dum Road, Calcutta-30.
- Bhattacharyya**, SURESH CHANDRA, M.A., Assistant Professor, Ancient Indian and World History, Sanskrit College, Calcutta-12.
- Bhose**, SUDHIR KUMAR, M.SC., LL.B., Advocate, High Court, 24A, Ray Bagan Street, Calcutta-6.
- Biswas**, DILIP KUMAR, M.A., B.T., B.L., Lecturer, Kharagpur College, Kharagpur, "Chandralaya", P.O. Kharagpur, Dt. Midnapur.
- Carbone**, LEONARDO, B.A. (Honours), 18, Queen's Mansion, Park Street, Calcutta-16.
- Chakravarti**, Sabyasachee, M.SC., Lecturer in Mathematics, Victoria College, Cooch Behar.
- Chakravarty**, DEB KUMAR, M.A., Superintendent Archaeology, Government of West Bengal, 5/3H, Paikpara Raja Manindra Road, Calcutta-2.
- Chatterji**, PRABHAT KUMAR, B.L., Burashibtalla, P.O. Burashibtalla, Chinsurah, Dist. Hooghly.
- Chatterjee**, RASHMOHAN, B.A., LL.B., Solicitor, Notary Public, 1, Queen's Park, Calcutta-19.
- Chaudhuri**, RAI HARENDRA NATH, M.A., LL.B., Minister-in-charge, Education Department, Govt. of West Bengal, "Munshi House", Baranagar, Calcutta-36.
- Chowdhury**, NANDITA, B.A., 55B, Mahanirban Road, Calcutta-29.
- Das**, DIPAK RANJAN, M.A., Dutttaghat, P.O. Chinsura, Dist. Hooghly.
- De**, JAY KRISHNA, B.SC., Mechanical Engineer, Kanailal Avenue, Chandernagore.
- Franci**, GIORGIO RENATO, PH.D., Instructor in Italian, Calcutta University, C/o Italian Consulate General.
- Ghosh**, PROBHA CHANDRA, B.SC., Auditor, Railway Audit Department, C. I. T., Flat No. 24-D, Singhi Bagan, Calcutta-7.
- Gupta**, ANIL KUMAR, F.R.C.S. (ENG.), Director, Institute of Post-Graduate Medical Education and Research, Calcutta, P404/5, Gariahat Road, Calcutta.
- Hendry**, ROBERT DAVID, Plant Manager, Gammon India Pvt. Ltd., Bombay, 405, Olympus, Altamount Road, Bombay-26.
- Hottenorth**, DR. KURT, DIP.CHEM. & D.PHIL., 8/13, Alipore Road, Calcutta-27.
- Hyde**, H. MONTGOMERY, M.A. (OXON), D.LIT. (Belfast), F.R. HIST.S., M.R.I.A., Professor and Head of Department of History, Punjab University, Lahore, Marlpits Cottage Nutley, Uckfield, Sussex, England.
- Indra**, H. K., M.B. (CAL.), D.O. (LOND.), Principal, R. G. Kar Medical College, Calcutta, 1, Belgachia Road, Calcutta-4.
- Jaggarow**, A. V. N., B.COM., Sales Executive, Standard Vacuum Oil Company, 6, Church Lane, Calcutta.
- Khan**, ABDUS SUBHAN, M.A., Lecturer in Persian, Maulana Azad College, Calcutta, 25, Bright Street, P.O. Circus, Calcutta.
- Majumdar**, BIMAL KANTI, M.A., D.PHIL., P124, Lake View Road, Calcutta-29.
- Maruyan**, TSUGIO, Controllor of Accounts, The Indo-Asahi Glass Co., Ltd., 30, Chittaranjan Avenue, Cal.-12.

- Misra**, VIDYA NIVAS, M.A., Assistant Professor of Sanskrit, University of Gorakhpur, Surat Sadan, Allahdadpur, Gorakhpur.
- Mitra**, CHITTARANJAN, M.A., History Department, Kalna College, P.O. Kalna, Burdwan.
- Mode**, HEINZ, D. PHIL., Professor of Oriental Archaeology, Halle University, 550, Panditiya Road Extension, Calcutta-25.
- Mookerjee**, SM. RANU, President Academy of Fine Arts, 7, Harrington Street, Calcutta-16.
- Mukherjee**, DR. SANDHYA, M.A., PH.D., Assistant Professor, Gorakhpur University, Gorakhpur.
- Narayanan**, SRINIVASA, Income Tax Officer, 23A, S. R. Das Road, Calcutta-26.
- Pal**, PRAPHULLA CHANDRA, M.A., Keeper of Bengali Manuscripts, Calcutta University, 144B, Ashutosh Mukherjee Road, Calcutta-25.
- Poladian**, VAHAN, M.A., 56B, Free School Street, Calcutta-16.
- Qutbuddin**, FAZIL, 11, Market Street, Calcutta-19.
- Reid-Dick**, JOHN FRANCIS, B.A., Minerals Dept., Bird & Co., 22, Lansdowne Court, Lansdowne Road, Calcutta.
- Ray**, EDITH (MRS.), Weave-Designer, 7, Nasiruddin Road, Calcutta-17.
- Rev. GHOSANANDA**, M.A., Research Scholar, Nava Nalanda Mahavihara, Nalanda P.O., Bihar.
- Sen Gupta**, KALI KINKAR, M.A., B.SC., M.B.B.S., D.T.M., 45/1B, Beadon Street, Calcutta-6.
- Sinha**, BRINDABAN CHANDRA, M.A., LL.B., Landlord and Businessman, 59, Barrack-pore Trunk Road, Calcutta-2.
- Slocum**, MANLY HARVEY, Constructor of Dams and Appurtenant Works, 504, East Pine Street, Alhambra, California, Cumberland 3-4853, Bhakra Dam, E. Punjab, India.
- Viswanathan**, S., M.A., P558/1, Panditiya Road Extension, Calcutta-29.

Patrons

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PATRONS

- August 1957...Shrimati Padmaja Naidu, Governor of West Bengal.
 1910-1916...Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
 1917-1922...The Most Hon'ble the Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
 1922-1927...The Right Hon'ble the Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
 1926-1931...The Right Hon'ble the Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
 1927-1932...Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
 1931-1936...The Right Hon'ble the Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
 1932-1938...The Right Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E.
 1936-1943...The Most Hon'ble the Marquess of Linlithgow, K.T., P.C., G.M.S.I., G.M.I., G.C.I.E., D.L., O.B.E., T.D.
 1938-1943...Sir John Arthur Herbert, G.C.I.E.
 1943-1947...Field Marshal Viscount Wavell, P.C., G.C.B., G.M.S.I., G.M.I.E., G.M.G., M.C., Viceroy and Governor-General of India.
 1943-1949...The Right Hon'ble Mr. R. G. Casey, C.H., D.S.O., M.C., Governor of Bengal.
 1947 ...Rear Admiral The Earl Mountbatten of Burma, K.G., P.C., G.M.S.I., G.C.V.O., K.C.B., D.S.O., D.C.I., LL.D., Governor-General of India.
 1947 ...Sir Frederic John Burrows, G.C.I.E., Governor of Bengal.
 1947 ...Sir Frederick Bourne, K.C.I.E., C.S.I., C.I.E., Governor of East Bengal
 1947-1948...Mr. Chakrabarty Rajagopalachari, Governor of West Bengal.
 (up to August)
 1948-1951...Dr. Kailash Nath Katju, M.A., LL.B., Governor of West Bengal.
 (up to October)
 1951-1956...Dr. H. C. Mookerjee, M.A., Ph.D., D.Litt., Governor of West Bengal.
 (up to 7th August).

SPECIAL ANNIVERSARY HONORARY MEMBER

(Science)

150th Anniversary Occasion

Einstein, Albert, C/o Princeton University, New Jersey, U.S.A.
Lacroix, M.A., Secrétaire Perpetuel Académie des Sciences, Paris.
Hedn, Sir Sven, Stockholm, Sweden.

160th Anniversary Occasion

Hill, Professor A. V., F.R.S., 16, Bishopswood Road, High Gate, London, W. 6.

(Letters)

150th Anniversary Occasion

Marshall, Sir John H., K.T., C.I.E., LITT.D., F.B.A., C/o Messrs. Grindlay & Co., Ltd., 54, Parliament Street, London.
Hosain, Professor Taha, Cairo.
Christensen, Professor Arthur, 62, Raadhusvej, Charlottenlund, Denmark.
Kan, J. Van, President, Royal Society of Arts and Letters, Batavia, Java.

160th Anniversary Occasion

Fong Kwei, Li, Fellow, Academia Sinica, Chungking, China.

ORDINARY FELLOWS*(Since 1957 till date)*

- 1957 None was elected
- 1958 **Bose**, Dr. D. M.
 Sircar, Dr. D. C.
 Biswas, Dr. K.
- 1959 **Ishaque**, Dr. M.
 Bhattacharya, PROFESSOR D. M.
 Saraswati, PROFESSOR S. K.
 Mukherjee, PROFESSOR K. C.
- 1960 **Gupta**, Dr. P. C.
 Sen, Dr. B. C.
 Sastri, Dr. GAURINATH
- 1961 **De**, Dr. S. K.
 Bagchee, Dr. K.
 Guha, Dr. B. C.

HONORARY FELLOWS*(Since 1957 till date)*

- 1957 **Kane**, Dr. P. V.
 Raman, Sir C. V.
- 1958 None was elected.
- 1959 None was elected.
- 1960 **Kaviraj**, Dr. MM. GOPINATH
- 1961 **Chatterji**, PROFESSOR S. K., M.A., D.LITT. (LOND).

Obituary**MAJOR S. C. DUTT**

Major S. C. Dutt, the well-known Eye Surgeon in Calcutta passed away on 12th May 1961. He was born on 3rd October 1890. His childhood was spent in Bihar, Madhya Pradesh and the Punjab. After passing the Entrance Examination from the Punjab University, he moved to Calcutta and joined the City College and then the Medical College of Calcutta, wherefrom he graduated in 1913 and joined as a House Surgeon in the Eye Infirmary of the Medical College Hospital. He went out to Sea as a Ship's Surgeon for a few months, before settling down to practice as an Eye Specialist and ere long he very deservedly earned the reputation of a top-ranking Eye Specialist and Eye Surgeon in the city.

In 1917 he joined the Mayo Hospital. Within three years, he was appointed the Resident Surgeon of the Hospital and served the Hospital in this capacity till 1937, when he became the Honorary Ophthalmic Surgeon of the Hospital, a position he held till his death. For the last couple of years he was the Chairman of the Board of Governors of the Hospital.

He was President of the Ophthalmological Society of Bengal and was elected President of the All India Ophthalmological Society for the year 1953-1954. His reputation as an Eye Specialist travelled beyond India and in 1950, he was invited by the international Congress of Ophthalmology to read a paper on Glucoma in its Session in London that year. His keenness and enthusiasm in his profession was insatiable and he took post-graduate training in Eye in the Moorfield Eye Infirmary in London and at the University of Vienna.

With his innate spirit of service we found him, on the breaking of the 2nd World War, joining as an Eye Specialist in the Indian Army Medical Corps, and serving both the Indian and European troops with his specialised knowledge. His name was mentioned in the Despatches for his Excellent Service and advice to the Military.

A very fine spirit of service always characterised his life and work and it is no wonder he found in the Rotary movement with its ideal of service a wonderful field for expression of this aspect of his life. He joined Rotary in 1939 and was the President of the Rotary Club of Calcutta in 1951-52 and in the following year in 1952-53 he was elected the Rotary Governor of the Rotary District of 325—quite a singular achievement in Rotary career.

'Una Stella Vanitetas'—'A vanished star'—is what we see him as. May his Soul rest in GOD for ever.'

K. N. BAGCHI

BIMAL CHANDRA SINHA

Bimal Chandra Sinha was a true representative of modern Bengali culture. A scion of the Paikpara Raj family which is well-known for its munificence and patronage of learning, Bimal Chandra had a brilliant academic career at the University of Calcutta. A specialist in economic affairs, he was well-versed in literature, history and fine arts. He was a voracious reader and versatile writer. He wrote a number of interesting articles and books on economics, literature, social reorganization and travels. He took an active part in our struggle for national liberation. He was a prominent member of the West Bengal Pradesh Congress Committee and the Indian National Congress and his comments and counsel on national questions always commanded respect. Himself a Zamindar, he fought for the abolition of the Zamindari system and left his mark on the land reforms in the state of West Bengal. In his capacity as a minister, he served the problem state with selfless devotion. But above all, he was a sincere friend and perfect gentleman. His lamentable demise at an early age of forty-three years has left a void in our national life.

P. C. CHUNDER

Obituary

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B. S. GUHA

In the death of Dr. B. S. Guha, the Asiatic Society has lost not merely one of its Fellows, but the scientific world has lost someone who represented India in numerous international anthropological conferences in various parts of the world. Dr. Guha was born in Shillong. His education was in the City College and the Presidency College. He took his B.A. (Honours) degree in Philosophy at the Calcutta University in 1912 and the M.A. degree in Mental and Moral Philosophy in 1915. Then he was appointed Lecturer in the Bangabasi College in Calcutta. This was in 1917. From 1917 to 1920 Dr. Guha enjoyed a Research Scholarship granted by the Government of Bengal for carrying on research in anthropology. In 1920, he secured a Fellowship of the Harvard University and proceeded to study anthropology there from 1920-1924.

Dr. Guha's training in America was fairly extensive both in the field as well as in the laboratory. After securing the Ph.D. degree in 1924, he returned to Calcutta and was for a short time on the staff of the Anthropology Department of the University of Calcutta. In 1927, he joined the Zoological Survey of India as Anthropologist. The Zoological Survey of India was entrusted shortly after with the task of reconstruction of prehistoric skeletal materials discovered from Mohenjodaro and Harappa. During this period Dr. Guha also conducted field investigation sometimes alone and sometimes in company with European workers, like Professor Morgenstierne, in both the north and south of India. During 1930-1933 he was entrusted with the anthropometric survey of India under the Census Commissioner.

The Anthropological Survey of India was initiated in 1946, and from that time till 1954 when Dr. Guha retired, he achieved the stupendous task of building up the Anthropological Survey of India to its present stature even though he had to begin almost from scratch. After retirement, Dr. Guha was employed as Director of S.E.O.T.C. under the Government of India at Ranchi, and later on as Director of the Bihar Tribal Research Institute in the same place and finally retired from the latter post in March 1959.

Dr. Guha's connection within the scientific world and of scientific institutions was indeed very intimate and fruitful. In 1926, he was elected President of the Anthropological Section of the Indian Science Congress. This was repeated in 1938. Dr. Guha was elected a member of the Council of the Asiatic Society in 1930 and served as its Anthropological Secretary from 1931-34. He was elected a Fellow of the Society in 1939 and also served as Honorary Secretary of the Society from 1939-42.

Dr. Guha was, again, one of the Foundation Fellows of the National Institute of Sciences of India. He had numerous connections abroad, being a Fellow of the Royal Anthropological Institute of Great Britain and Ireland, and also a member of the Council of the International Congress of Anthropology. He was often invited by scientific bodies in Europe for purposes of helping in the standardization of anthropological methods, etc. In India, also connections of the same kind existed between him and the Universities of Calcutta, Delhi and Utkal.

Dr. Guha's original contributions were many, and these related to anthropometry, reconstruction and reports on pre-historic skulls, and so on. By his death the Society has thus lost a distinguished Fellow, and an outstanding scientist.

N. K. BOSE

MANLY HARVEY SLOCUM

On November 11, 1961 at Nangal in East Punjab died Mr. Harvey Slocum, popularly called "the best dam builder of the world".

Manly Harvey Slocum, a native Californian, was born on October 23, 1887 in National City on San Diego Bay. His father, an Engineer from Vermont, served in the Confederate Army during the war between the States. At twelve Harvey Slocum took a job as a messenger and newspaper delivery boy. Two years later he set off for San Francisco and worked in the Barbary Coast section as a newspaper boy and messenger. In 1907, when barely twenty, he became a cabinet maker's apprentice and in this work he showed remarkable skill.

Harvey Slocum found his metier when in 1910 he joined a construction outfit and worked his way up through the ranks as a structural iron worker, pile driver, re-inforcing steel man, foreman and Superintendent, all within three years. This was the making of Harvey Slocum, one of the finest Construction Engineers of the present century. At this time he sustained serious injuries as the result of burns in an accidental explosion, and though the doctors gave up all hope for the young man it was his indomitable will to live and tenacity for hard work which his profession called for that carried him through to continue his highly useful and successful career as the world's greatest dam builder.

His first assignment on dam construction was as Superintendent of the Lake Hodges Dam project in California under the Bent Brothers Construction Company. Though quite new to the work, he completed the multiple-arch dam at a considerable saving of money for his employers. His thorough revision of the labour and engineering methods was responsible for such a saving. It has been said that his outstanding position as a builder of dams has been largely due to his ability as an estimator. His computations, always below the official estimates, have proved usually correct.

With the construction of the Lake Hodges Dam, Harvey Slocum established his reputation as a dam builder and assignments followed in quick succession. Among the eighteen dams that he built are such famous ones as the Gibraltar Dam, the Exchequer Dam, the Maden Dam in Panama Canal zone, the Grand Coulee (4,300 feet long and 550 feet high), the Shasta Dam (higher than the Coulee), the Bull Shoals Dam, and others. During World War II he also worked on military projects, and accepting neither salary nor rank he toured South Pacific islands as a Consultant to the U. S. Navy on construction problems.

Harvey Slocum's association with India dates back to 1945 when he was first consulted in connection with the equipment necessary for what came to be known as the Bhakra-Nangal irrigation and power project. In 1950 he visited the site on the Sutlej river and in 1951 he headed a Corps of American engineers

as an advisory team to the Government of India in this project. In February, 1951 he signed a ten-year contract as the Chief-Consultant, a contract that was to end a few months hence. "His experience and driving force", the *New York Times* reported as early as November, 1955, "have been one of the program's chief assets."

The Bhakra-Nangal irrigation and power project, the last among his big assignments, is due to be completed shortly and unfortunately Harvey Slocum, the architect, was not spared to put the final touches to the edifice. When completed it would certainly rank as one of the crowning achievements of his life. The project is expected to cost about \$ 350,000,000; the height of the dam will be about 680 feet; more than 6,500,000 acres will be brought under cultivation; besides providing hydro-electric power to a vast area. Harvey Slocum's name will forever be associated with one of the major development projects of India.

An inspiring personality, unpretentious in habits and genial in temperament, Harvey Slocum drew admiration from all his colleagues, high and low. His devotion to the project and his energy and zeal, even at this advanced age, for work schedule endeared him to all his workers who affectionately called him Mr. Bhakra—perhaps the highest tribute to a loving and lovable boss. With regard to his devotion to the project it should be noted that although contracted to spend only four months annually on the dam, he gave it, on an average, eight months every year and when he fell ill in October he had already completed eight and a half months in what would have been the tenth and last year of the contract.

Harvey Slocum was a valued member of the Asiatic Society and was awarded the Durga Prasad Khaitan Memorial Gold Medal of the Society in 1958 for his notable and original contribution to industry. Two years before, in 1956, he won the Moles Award and the Beavers Award of the United States for his outstanding performance in heavy construction industry—the highest recognition that a dam builder can aspire to.

A master builder, Harvey Slocum had a philosophy of his own and that philosophy is concerned with the available supply

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of water. "Man's future", he once said, "is tied irrevocably with what he does with water". One cannot produce more water than falls and hence one must conserve it. The only way to do it is to have dams and every big dam today is used for six purposes: flood control, irrigation, conservation, navigation, storage of water, and for hydro-electric power. It is perhaps to this philosophy that he owed his recognition as the world's greatest dam builder.

In 1956, in the ceremony of the presentation of the Moles Award to Harvey Slocum, Richard M. Nixon, the Vice-President of U. S. A., praised his work in the following words:

"The entire history of man is tied to what he has done, and what he is doing, with the available supply of water."

This is perhaps, the best tribute to Harvey Slocum and his work.

May his soul rest in peace!

S. K. SARASWATI

ANANDILAL PODDAR

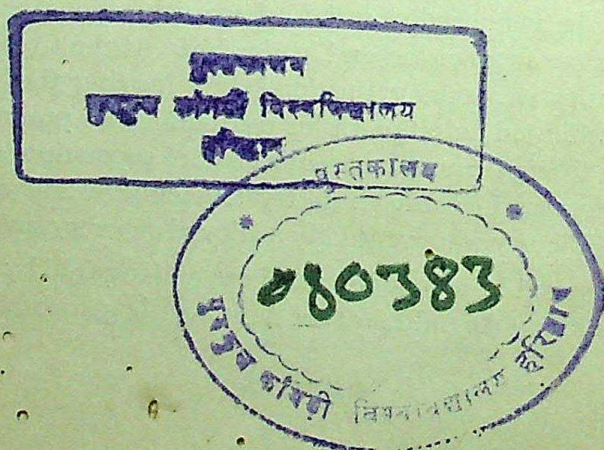
With the passing away of Shri Anandilal Poddar on the 30th July, 1961. India has lost an active worker, Calcutta one of her important citizens, the business community one of its dynamic figures, and a great variety of institutions, political, civic, educational, cultural, religious, and commercial, one of their valued members and supporters.

He was born on October 19, 1914 in a family which for years was in the vanguard of social reform, educational advancement, and business expansion and leadership. At the time of his birth, his family was taking the lead and bearing the brunt of an unprecedented agitation in his community for promoting education in foreign countries, eradication of superstitions, and dynamic progress in trade, industry and culture and also national spirit. Victory was eventually achieved on every single front.

Nurtured in such an atmosphere and inspired by the example of his elders, Anandilal at an early age began to take a leading

part in business and also in public activities. At the same time he always found opportunities for humanitarian activities wherever needed far and wide in India and for taking prominent part in literary and cultural gatherings. In 1939, on the suggestion of Netaji Subhas Chandra Bose he sought election on the Congress ticket to the Corporation of Calcutta and was returned uncontested. He became the Deputy Mayor in 1943 and achieved the crowning glory of the Mayor-ship the next year, the youngest so far in the history of that office. Since 1942 he has been a Member of the Legislative Assembly of Bengal and later West Bengal, and has served on many Boards and Committees. Until his death he was the only Indian Director that the Calcutta Tramways Company Ltd. has had. His interest in transport problems and in relief work and in sports is well-known to the general public, so also his interest in the literary and cultural field. But in this latter direction much of his work so far had been behind the scenes, in the pursuit of plans for the spread of Sanskrit and Bengali literature and research into Hindi and Rajasthani literature. He also gave much support to the cause of music and other forms of art. He joined the Asiatic Society on the 1st of January, 1945 and was one of its valued members. And it is singularly tragic that just when the Society could have made a bigger demand on his services, he has been taken away from our midst. The Society expresses its deep sense of sorrow upon his premature death and offers its condolence to his bereaved family.

K. P. KHAITAN



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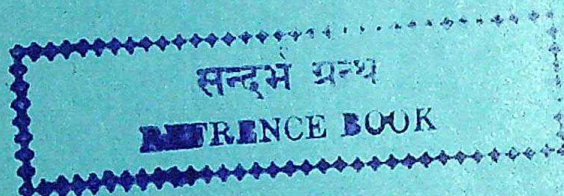
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